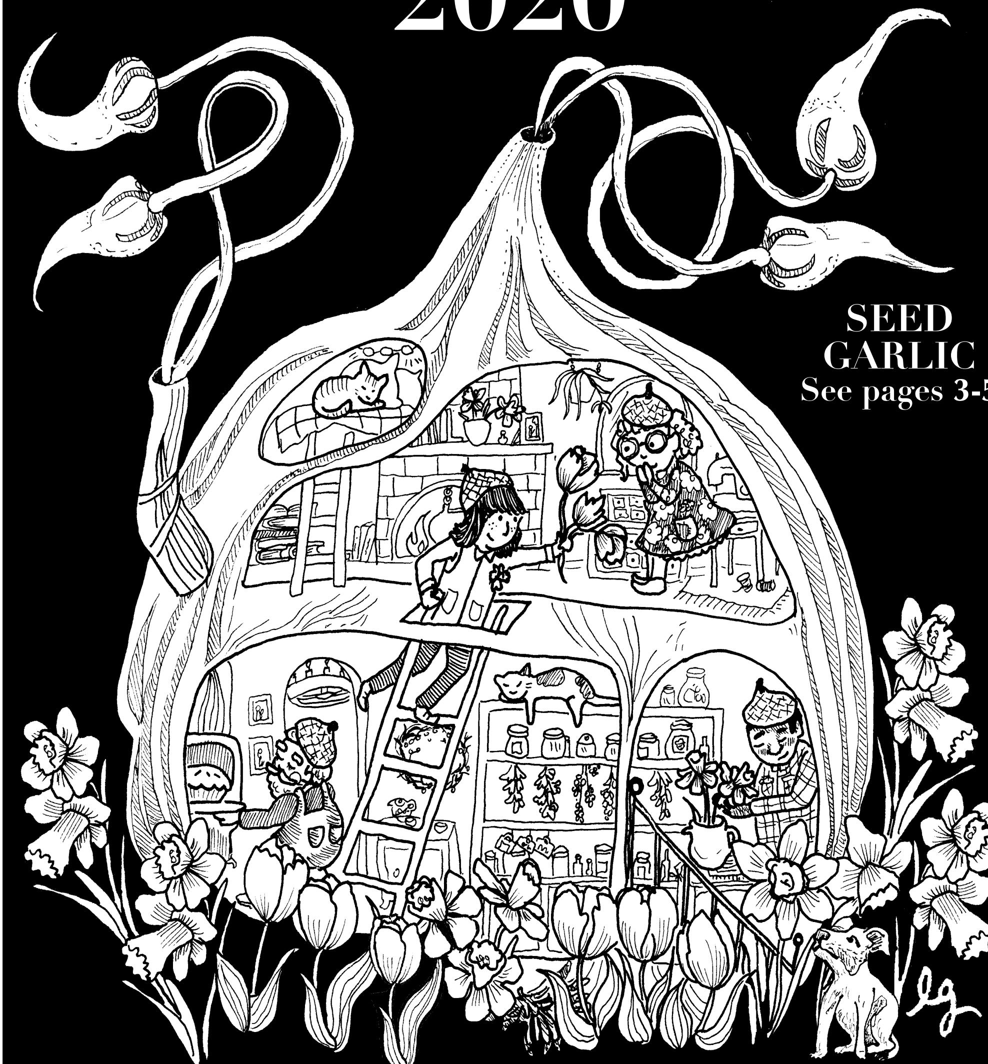
FEDCO

2020



**SEED
GARLIC
See pages 3-5**

BULBS & PLANTS for FALL PLANTING

"The forsythias, daffodils, and squat fragrant hyacinths all opened as if on cue yesterday afternoon....For a few moments, I sit with my morning coffee and watch what looks like an Impressionist painting in motion—the cascade of yellows, purples, and pinks blurring as they rock in the morning breeze, a pale yellow sun welling right out of the earth, backlighting the forest of oaks and hickories."

—Diane Ackerman, *A Slender Thread: Rediscovering Hope at the Heart of Crisis*

It's been a strange spring. We've been buffeted by multiple late snows—which allowed the crocus and the glory-of-the-snow to show off their abilities to bloom before the snow and emerge unscathed from the melting mess, and the cold weather prolonged their bloom time. I walk by a patch of daffodils planted about 35 years ago, admiring their cheerful sunny nature, and feel comforted by the thought that they will bloom again next spring, and the spring after that. The garlic spears seem undaunted by it all, standing tall and green.

Slowing down and really looking at what's happening each day this spring is, for me, the silver lining of the corona crisis. Fighting stress, boredom and exhaustion by minutely examining plant growth; not just the flowers but also the chives, scallions, perennial herbs and greens that do their thing regardless of what we humans are experiencing.

Looking ahead, a stalwart of our autumn has been postponed until next year. Common Ground Country Fair, put on annually by the Maine Organic Farmers and Gardeners Association for 43 years, is a nexus for people gathering, where we've sold literal tons of bulbs and seed garlic. Many other agricultural fairs have been postponed until next year, and we reluctantly put our Fall Bulb and Plant Sale in the same category. We're still planning the day to allow local customers to pick up orders and save on shipping, and holding on to the slim hope that by October we can welcome customers to our warehouse. In the meantime, we urge you to shop by our regular order deadline, and not bet on finding bargains late in the season; check our website for info.

This year's list includes over two dozen locally grown varieties, including garlic, sunchokes, peonies and colchicum, and 18 **NEW!** or **BACK!** items. Look throughout the catalog for the ✦¢✦ symbol for prices lower than last year and other especially good values.

Fedco Bulbs is a branch of Fedco Seeds, Inc., a consumer/worker cooperative. Write us with your suggestions and comments. Your interest and support help keep us growing. On behalf of Kip Penney, Bulbs Coordinator, and the rest of the Bulbs team, thank you and keep your hands dirty in that good clean dirt.

—Joanna Linden

FEDCO for BULBS

Garden · Farm · Orchard

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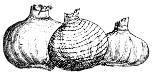
Save this catalog!
We send only one per year.

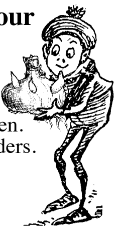
We don't know if we'll be having our Fall Bulb & Plant Sale

Saturday, October 17, 2020

With so much covid-19 uncertainty, we don't know whether this event can happen. Either way, we plan to be open for pickup orders.



Check our website after 10/1/20 for info.



Cover art by Laura Grover
@lgroverart
Download a full-page version for your coloring fun at
fedcoseeds.com

We guarantee that all items we offer are fully satisfactory.

If you are dissatisfied because of any product defect, we will either replace the item or refund the purchase price.

Inspect your order upon receipt and notify us of any problems. If you notice problems next spring, let us know. Because good results depend upon weather, soil and cultural practices over which we have no control, we limit our liability in all instances to the purchase price of the goods. The liability of Fedco Seeds, Inc., for breach of warranty, or any loss or damages arising out of the purchase or use of our products, including loss or damages resulting from any negligence whatsoever on our part, or strict liability in tort, shall be limited to the purchase price. By acceptance of the merchandise, the buyer acknowledges that the limitations and disclaimers herein described are conditions of sale, and that they constitute the entire agreement between the parties regarding any warranty or liability.

Claims for errors in your order must be presented within 30 days of receipt of your order.
Claims for any product defects should be presented to Fedco as soon as possible after discovery.
Failure to assert claims within 30 days after discovery renders this warranty null and void.

Seed Garlic *- Allium sativum*

The bulb size, the skin color, the flavor, and the size and number of cloves are partly determined by genetics, and partly by soil and weather. Our standard for a seed garlic bulb is a minimum 2" diameter.

Artichoke Garlic

Softneck type, produces a bulb with two or more rings of cloves and a braidable top. Z4-9.

Inchelium Red - Usually forms two rings of cloves, 2–3 inner cloves and 6–7 outer cloves, but can make a very large bulb with 4–5 rings. Inner cloves not as tiny as in supermarket garlics. White paper with reddish-purple markings. Very good flavor, but not intense; excellent raw. Decent keeper, with good yields and good bolt resistance. Originates from Inchelium (in-*chee*-lee-um), Washington, near the Canadian border. 50–60 cloves per pound. **Eco-grown in Maine.**

6224-A: 3 bulbs for $15.00
6224-B: 2# for $48.00

Porcelain Garlic

These hardneck types produce 3–6 very large cloves with tight porcelain-white skins, each equivalent to about two or three cloves of many other garlics. Excellent storage. Huge cloves are wonderful in the kitchen (some will need cutting to fit into a garlic press!) and perfect for production pesto-making or baking whole. Slower propagation than other hardnecks; 20–35 cloves per pound. Scapes form arches, curls and loose coils. Z3-8.

Georgian Crystal - This fine Porcelain type is sure to please those who desire large cloves. Similar in flavor to German Extra-Hardy or Music. When eaten raw, a bit less bite than Georgian Fire. Stores well into winter. **Eco-grown in Maine.**

6225-A: 3 bulbs for $14.00
6225-B: 2# for $46.00
6225-C: 5# for $95.00

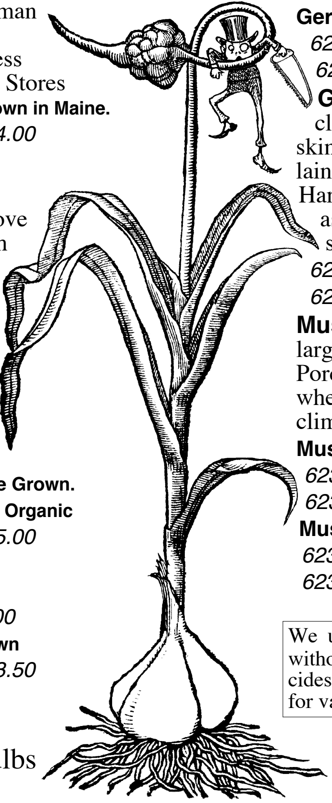
Georgian Fire - We love this fiery Porcelain, with more bite than Georgian Crystal. Its pungent taste is loved by garlic aficionados and, finely chopped, is excellent for heating up salsas and sauces. Sizable bulbs with blushed inner skins store well. All lots **Maine Grown.**

Georgian Fire - Certified Organic

6226-A: 3 bulbs for $15.00
6226-B: 2# for $48.00
6226-C: 5# for $99.00
6226-D: 20# for $320.00

Georgian Fire - Eco-grown

6227-A: 3 bulbs for $13.50
6227-B: 2# for $45.00



Isn't all Garlic the same?
Softnecks vs. Hardnecks

Softneck garlic produces multiple rings of cloves and a soft braidable top. Softneck types have mostly lost the ability to produce a stalk with flowering parts—but sometimes they bolt and produce extra "cloves" in the stem.

Hardneck garlic has a hard stalk in the center of the bulb, and (the vast majority of the time) only one ring of cloves. Plant grows an edible scape, a tall leafless stalk with a flower-like top. Not braidable, but can be tied in attractive bundles and hung.

Cut off the scape before it uncurls to get the best bulb size. Not easy on a commercial scale, but on a smaller scale it's not much work, plus fresh tops are great in salads, stir-fries, pickles, pesto!

If you leave the tops on, the bulb will likely be smaller, but you'll get a membrane full of bulbils which you can eat, or plant in autumn for either greens next spring or full-sized bulbs in two years.

Hardnecks are closer to wild garlic, and have a greater range of character and a more complex flavor than softnecks. Much hardier as well, hardnecks are recommended for cold climates.

German Extra-Hardy - Selected for size. Big Porcelain bulbs typically yield four huge cloves; range is 3–5. White outer skin, rusty reddish-tan clove skins. Hardy plants, hearty flavor, excellent storage. May be the same as German Stiffneck and/or German White. All lots **Maine Grown.**

German Extra-Hardy - Certified Organic

6228-A: 3 bulbs for $15.00
6228-B: 2# for $48.00
6228-C: 5# for $99.00 6228-D: 20# for $320.00

German Extra-Hardy - Eco-grown

6229-A: 3 bulbs for $13.50
6229-B: 2# for $45.00 6229-C: 5# for $95.00

German White - Large bulbs yield 4-6 huge cloves with white outer skin and reddish clove skins. According to the USDA, this fine Porcelain is genetically identical to German Extra Hardy, but customers and growers alike keep asking for German White by name. Excellent storage. **Eco-grown, Maine Grown. BACK!**

6230-A: 3 bulbs for $15.00
6230-B: 2# for $48.00 6230-C: 5# for $99.00

Music - Similar to German Extra-Hardy, with large succulent cloves. Al Music brought this Porcelain type from Italy to Ontario in the 1980s, where it became known as a very good cold climate variety. All lots are **Maine Grown.**

Music - Certified Organic

6231-A: 3 bulbs for $15.50 6231-B: 2# for $49.50
6231-C: 5# for $102.00 6231-D: 20# for $325.00

Music - Eco-grown

6232-A: 3 bulbs for $14.00 6232-B: 2# for $46.00
6232-C: 5# for $95.00 6232-D: 20# for $295.00

We use the term **Eco-grown** to indicate crops grown without the use of chemical pesticides, fungicides, herbicides or fertilizers. Growers use organic practices, but for various reasons do not choose to pursue certification.

Purple Stripe Garlic

Hardneck type, the closest to the wild garlic ancestors, hails from the harsh climate of central Asia. Genetic research shows the Purple Stripe group is the basis of all other types. Tightly wrapped cloves with long tips, 6–14 per bulb. The skins of both bulbs and cloves are striped purple. Cloves usually form a single layer around the hard center stalk, though very large bulbs may have inner cloves. Scapes coil vigorously. 50–60 cloves/lb. Z3-8.

Chesnok Red - Also known as **Shvelisi**, the name of the village in the Republic of Georgia where it was collected in the ’80s. Excellent for baking, though the flavor is also perfect either chopped into a stir-fry or raw in a vinaigrette. **Eco-grown in Maine.**

6233-A: 3 bulbs for $14.00
6233-B: 2# for $46.00
6233-C: 5# for $95.00

Duganskij - Also known as **Samarkind** and **Persian Star**, though originally from Kazakhstan, late-maturing Duganskij (dew-*gan*-skee) grows 6–8 generously sized cloves per bulb. Its flavor reaches its peak in mid-late winter at the time when its tight skins become easier to peel. Our grower in northern Maine says Duganskij “stores well for us in cold storage into May.” **Eco-grown in Maine.**

6234-A: 3 bulbs for $14.00
6234-B: 2# for $46.00
6234-C: 5# for $95.00

Marbled Purple Stripe Garlic

Mottled purple striping on the skins of both clove and bulb. The leaves tend to be broader and bulbs tend to have fewer cloves than Purple Stripe varieties, though the cloves are often larger and more squat in appearance. This hardneck group produces bulbs that store well and are excellent for roasting. Scapes curl and coil dramatically. 30–50 cloves/lb. Z3-8.

Giant Turkish Red - Robust full-bodied garlic flavor and excellent storage qualities make Giant Turkish appealing. Each bulb produces 6–9 marbled, mottled purple striped cloves. Matures in the last week of July in northern Maine, which is sure to be of interest to northern growers. **Eco-grown in Maine.**

6235-A: 3 bulbs for $14.00
6235-B: 2# for $46.00
6235-C: 5# for $95.00

Check out our new 3G garlic fertilizer on page 22.

Fedco requires every lot of garlic to test negative for garlic bloat nematode and white rot. See our website for details.

Basics of Growing Garlic: Give it Space, Feed it and Weed it!

In late fall, 3–4 weeks before the ground freezes, prepare a nitrogen-rich well-groomed seedbed. Garlic is a heavy feeder and needs space. Break up the bulb and plant cloves 6–10" apart, pointed side up, with the base about 3" deep. Mulch with 4–6" of hay, leaves or straw. Some folks skip the mulch, but plant 5–6" deep.

In spring, move the mulch to free any struggling spears, then replace it to keep moisture even and to help prevent weeds. Maintain even moisture levels during the season.

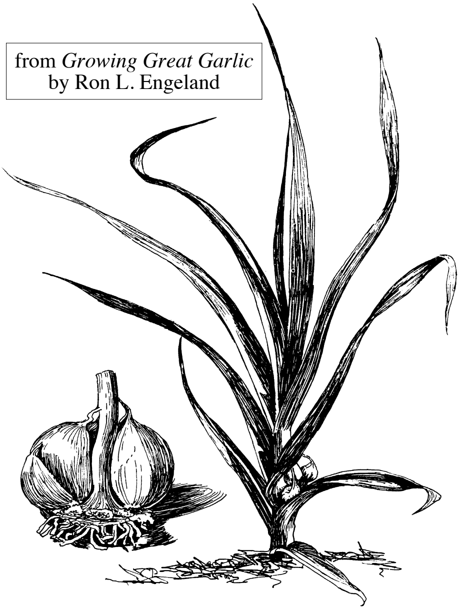
In midsummer, the scapes of hardnecks will begin to unfurl and stand up. Leave them on and get somewhat smaller bulbs plus bulbils, or cut them off for larger bulbs at harvest plus tops to eat as green garlic now.

In mid-late summer, allow the soil to dry somewhat about a week before harvest. Check bulb growth when the bottom leaves are yellow and 5–6 leaves are still green, late July to early August for us in central Maine. Harvest bulbs before cloves begin to separate. Use a garden fork to loosen the soil and lift gently.

Tie and hang to cure in a well-ventilated place, protected from sun and rain, until dry. Do not field-cure.

To store, trim roots, trim tops to within 1" of the bulb, rub off loose skins and any dried dirt, and store in a cool dry place. Softneck type may be braided after curing.

Visit **fedcoseeds.com/bulbs/garlic.htm** for more details and Robera Bailey’s blue-ribbon garlic growing tips.



from *Growing Great Garlic*
by Ron L. Engeland

Rocambole Garlic

Hardneck type produces 5–13 medium-large cloves with tan, brown or reddish skins, slightly loose and relatively easy-peeling. A shorter shelf life than Porcelain types, maybe because the clove skins are looser, maybe because of a slight tendency to split cloves. Generally, stores well through February, and—if well cured and in optimal storage—can store months longer. Some claim Rocamboles have the finest, richest flavor. Scapes form tight coils. Z3-8.

German Red - Has red-burgundy wrapper layers and light brown clove skins. 6–12 cloves per bulb, with double cloves common. Stores well up to six months or longer. Said to be a medieval strain of garlic brought to North America in the 1700s. 40–70 cloves/lb. **Eco-grown in Maine.**

6236-A: 3 bulbs for $14.00
6236-B: 2# for $46.00
6236-C: 5# for $95.00

Italian Easy Peel - Originally from northern Italy, with 6–9 easy-peeling cloves, the name of this fine variety omits mention of the strong rich flavor. Plenty of garlicky-ness yet little-to-none of a hot spicy burn. Large uniform bulbs have rounded tops and thick wrapper papers with attractive touches of purple. Stored well for our grower in northern Maine—right into May! 40–60 cloves/lb. **Eco-grown in Maine.**

6237-A: 3 bulbs for $14.00
6237-B: 2# for $46.00
6237-C: 5# for $95.00

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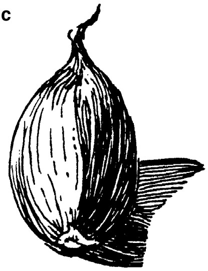
Phillips - Each bulb contains 6–12 medium-to-large cloves with a milder flavor than Russian Red. The tan exterior skins and purple mottled clove wrappers are more substantial than most Rocamboles; an excellent keeper. Slow to emerge in spring, so don't be alarmed when these take an extra two weeks to appear. They catch up quickly and mature around the same time as other varieties. Originally obtained from Raymond Rowe of Phillips, ME. 55–65 cloves/lb. **Eco-grown in Maine.**

6238-A: 3 bulbs for $14.00
6238-B: 2# for $46.00
6238-C: 5# for $95.00
6238-D: 20# for $295.00

Russian Red - Named for its mottled burgundy skin, said to have been brought to the Pacific Northwest by Russian immigrants in the early 1900s. Forms a ring of 6–12 large plump cloves around a central stalk. Keeps well for more than six months. "Delicious garlic flavor with no bitter aftertaste," says RR grower and garlic aficionado M. Coffin. 50–60 cloves/lb. All lots **Maine Grown.**

Russian Red - Certified Organic
6239-A: 3 bulbs for $15.00
6239-B: 2# for $48.00
6239-C: 5# for $99.00
6239-D: 20# for $325.00

Russian Red - Eco-grown
6240-A: 3 bulbs for $14.00
6240-B: 2# for $46.00
6240-C: 5# for $95.00
6240-D: 20# for $295.00



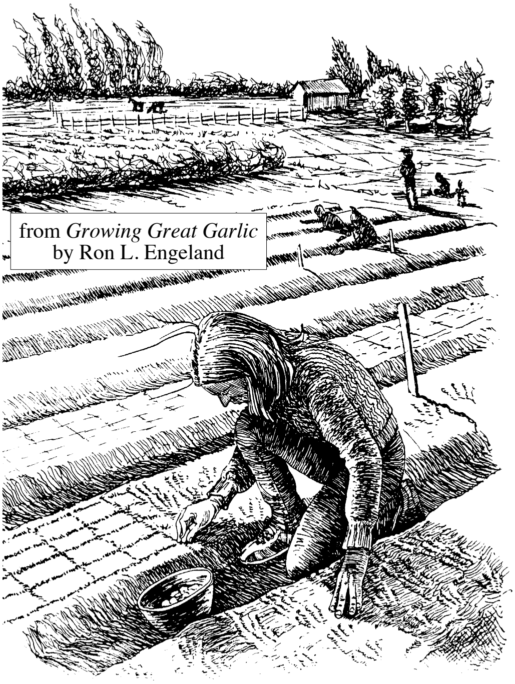
Garlic Sampler

Not sure what type of garlic to grow? Overwhelmed by the choices? Try our sampler: three bulbs each of four varieties. Our choice of varieties, 12 bulbs packed and labeled by name; approximately two pounds total. All acclimated to our short growing season, and **Maine Grown**.

6241-A: 1 sampler for $47.00
6241-B: 2 samplers for $89.00

from *Growing Great Garlic*
by Ron L. Engeland

Discounts on orders
received by
August 14, 2020:
take 5% off at $100,
10% off at $300,
15% off at $600,
20% off at $1200.


from *Growing Great Garlic*
by Ron L. Engeland

Books about Garlic

Growing Great Garlic: The Definitive Guide for Organic Gardeners and Small Farmers

by Ron L. Engeland, 213 pages, 6x9, softcover, 1991. If garlic is one of your passions, you'll enjoy this book. From an expert who has grown and sold over 100 strains, Engeland's excellent guide to growing garlic has become a classic. Discusses varietal differences, touches on fascinating history, and provides essential information on growing, harvesting, storing and marketing.

6221-A: $17.50

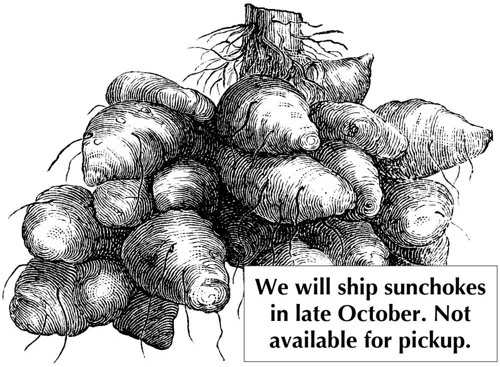
The Complete Book of Garlic

A Guide for Gardeners, Growers and Serious Cooks

by Ted Jordan Meredith, 330 pages, 8¼x10¼, hardcover, 2008. Tons of photos get you up close and personal with not only the botany but also the beauty, and are a major part of what makes this book an invaluable resource for the garlic fan. Meredith describes nearly 150 cultivars. Learn about different types of garlic, or the differences between German Red and Russian Red—or consult the Quick Guides for the basics.

Growing specs, storage conditions, culinary advice, nutritional benefits, history, taxonomy, chemistry, botany—it's all here, with research distilled into concise recommendations. Focus in on long-debated issues such as when to harvest scapes, or culinary tenderness against bulb storage capability. A good winter's read that will have you salivating for new varieties or methods to try next year.

6222-A: $37.00


We will ship sunchokes in late October. Not available for pickup.

Sunchoke - *Helianthus tuberosus*

Also known as **Jerusalem Artichoke**, these vigorous native perennial tubers have a flavor and texture somewhat like water chestnuts. Dig in the fall and store for winter enjoyment in tight containers to conserve moisture, or dig in the spring as an early fresh vegetable. Also an annual ornamental hedge with its 6–8' foliage topped with golden flowers shaped more like daisies than sunflowers.

Sunchokes are in the same plant family as artichokes but the same genus as sunflowers. 'Jerusalem' is thought to be a corruption of *girasole*, the Italian word for sunflower; or perhaps early settlers to New England celebrated their "new Jerusalem" with this sturdy native wild food.

Plant whole or cut into pieces with 1–2 eyes. Plant 3–4" deep, 12–14" apart. One pound contains approximately 5 tubers, potentially cut into 18–20 pieces. Depending on the growing season and when you harvest, tubers can reach 6" long, 3" across and up to a pound. *Caution*: plant sunchokes in an area that is easy to control; they will spread and are rather difficult to eradicate.

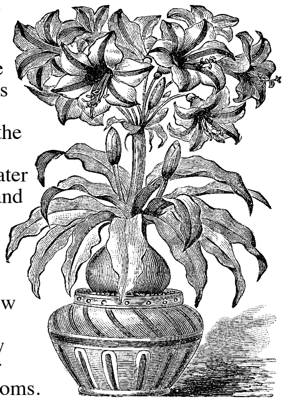
Skorospelka - The product of a Soviet-era breeding program, Skorospelka produces a compact set of smooth tubers. Known locally as **Red and Tan**, each plant yields a fair number of tubers with reddish skin and, especially on young tubers, tan splotches. The considerable size of the blunt-ended tubers accounts for the excellent overall yield, while the relatively knob-free shape is popular with cooks. **Eco-grown in Maine. BACK!**

Z6901-A: 1# for $15.00
Z6901-B: 3# for $39.00
Z6901-C: 10# for $105.00

Mesh Garlic Bags - Red poly mesh with a fold-over stitch-sealed "Fresh Produce" label on one end of the 24" long bag. Fill from other end—will stretch to 8" diameter—then tie off. Write on the label or put a sticker over it. Holds up to 10 pounds of garlic or onions in an airflow–friendly bag for curing or storing, or a convenient packaging for markets.

6223-A: 10 for $4.25
6223-B: 25 for $9.50
6223-C: 50 for $16.50
6223-D: 250 for $60.00

Amaryllis - *Hippeastrum*



Originally from Central and South America and grows outdoors in Zones 9-10. We in frostier climes plant these easy-to-grow hybrid marvels indoors and enjoy blooms during the winter. Remove the pollen-bearing anthers for a longer bloom time and a neater tabletop. With simple care and proper soil nutrients, amaryllis can return year after year. Planting and care instructions come with your order; you can also view them online.

Amaryllis bulbs generally produce two or more flower stalks, each bearing 3–4 blooms.

Jumbo Amaryllis

Jumbo bulbs produce graceful 6–8" blooms. Bulbs from Peru tend to bloom earlier than those from Holland.

'Apple Blossom' - The classically graceful pastel beauty. White lightly brushed with streaks of pink, a bit more heavily brushed on the outer third of each petal. 18–20" tall. 30-32cm bulbs from Holland. ✦¢✦

Z6902-A: 1 for $15.50 Z6902-B: 2 for $24.80
Z6902-C: 3 for $34.25 Z6902-D: 6 for $62.00

'Denver' - Brilliant gleaming white 5½–6" petals with highly reflexed tips, and green throat. 20–24" tall. 36-38cm bulbs from Peru. ✦¢✦

Z6903-A: 1 for $13.50 Z6903-B: 2 for $21.50
Z6903-C: 3 for $29.75 Z6903-D: 6 for $56.00

'Mandela' - Richly saturated deep red flower, almost maroon, with a velvety near-black center. Bold and sultry blooms highlighted by yellow-green stamens and anthers. 20–25" tall. 36-38cm bulbs from Peru. **NEW!**

Z6904-A: 1 for $15.75 Z6904-B: 2 for $25.25
Z6904-C: 3 for $35.00 Z6904-D: 6 for $64.00

'Minerva' - Large bright red flowers with a brilliant white six-pointed star emanating from the pale green throat. White striations between star shafts add a sense of distant galaxies. 20–24" tall. 36-38cm bulbs from Peru.

Z6905-A: 1 for $13.50 Z6905-B: 2 for $21.50
Z6905-C: 3 for $29.75 Z6905-D: 6 for $56.00

'Orange Souvereign' - Large tangerine-orange flowers with intense color saturation. 24–28" tall. 36-38cm bulbs from Peru. ✦¢✦

Z6906-A: 1 for $14.50 Z6906-B: 2 for $23.50
Z6906-C: 3 for $32.00 Z6906-D: 6 for $59.00

'Olaf' - Big, bold and bright, just like the more famous 'Red Lion'. A classic red amaryllis. 20–22" tall. 32-34cm bulbs from Peru.

Z6907-A: 1 for $13.50 Z6907-B: 2 for $21.50
Z6907-C: 3 for $29.75 Z6907-D: 6 for $56.00

Double Amaryllis

Doubled petals provide a rich lush appearance in a 6–8" bloom. Large flowers can be top-heavy; use a stake or heavyweight pot to maintain stability, or plant slightly deeper.

'Double King' - Bright crimson-red double blooms. Full of petals, flowers can reach 8" across. Superb. 20–24" tall. 36-38cm bulbs from Peru.

Z6908-A: 1 for $15.75 Z6908-B: 2 for $25.25
Z6908-C: 3 for $35.00 Z6908-D: 6 for $64.00

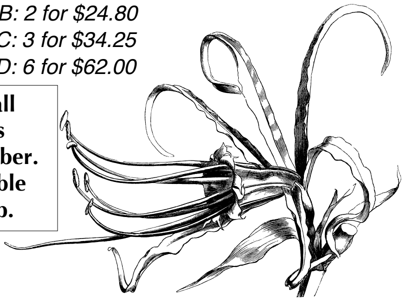
Miniature Amaryllis

The flower stalks are nearly as tall as other amaryllis, but the flowers are more delicate. Also less tippy!

'La Paz' - Spider-type with slender 5" petals. Upper petals dusky red and burgundy-streaked rose, with touches of light green. Lower petals pale green with red spots and streaks. Long luminous pale green anthers. Parentage includes Bolivian *H. cybister*. 18–24" tall. 24-26cm bulbs from Holland.

Z6909-A: 1 for $15.50
Z6909-B: 2 for $24.80
Z6909-C: 3 for $34.25
Z6909-D: 6 for $62.00

We ship all amaryllis in late October. Not available for pickup.



Plant Amaryllis between October and May for flowering between December and June

Store the bulb in a dry dark cool area (45–50°) until planting time.

A few hours before planting, fill a 10–14 oz. glass with lukewarm water. Place the roots in the water, set the bulb on the rim, and allow the roots to soak up some water.

Plant in a pot about 2" larger than the bulb. Place a layer of small rocks at the bottom of the pot to improve drainage. Cover the bulb to the "shoulders" with potting soil or compost. Press the soil firmly around the bulb.

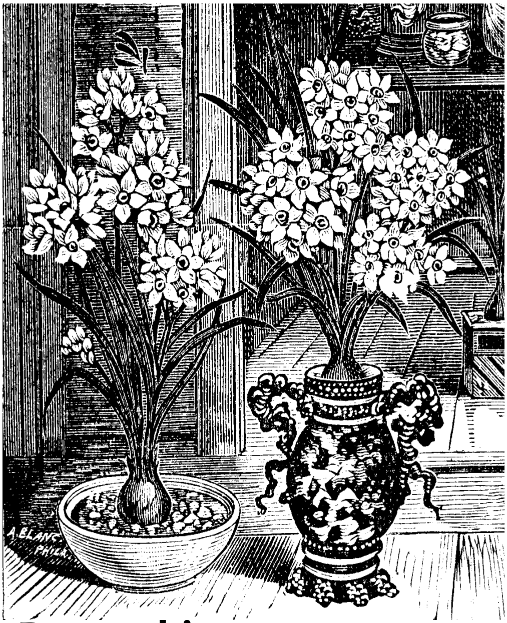
Or, place the bulb in a clear vase with decorative stones or glass for ballast. Fill with water just high enough to keep the roots covered.

In the first few weeks, water sparingly. After the bud-stalk and leaves emerge, water more frequently. Direct sunlight and warm temperatures encourage proper growth. Amaryllis generally bloom 6–8 weeks after planting; the flowers last nearly 2 weeks.

Cut the flowerstalk close to the bulb after the flower fades. The leaves will continue to grow, and need regular feeding with good bulb fertilizer in order to store enough nutrients to bloom again. Once the danger of frost has passed, the plant can go outdoors in the pot or in fertile well-drained soil.

In late summer, stop watering and allow the leaves to die back (or let the first light frost kill them). Before hard frost, dig planted bulbs and shake the soil from the roots, or bring potted plants inside. Place in a dry cool dark place for 8–12 weeks to simulate dormancy.

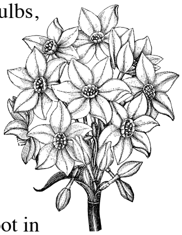
Bring the bulb back to room temperature and resume watering, about 6–8 weeks before the desired flowering time, and its cycle will begin again.


A. BLANC PHILA.

Paperwhites - *Narcissus tazetta*

Tall slender stems bear masses of fragrant delicate flowers. Must be grown indoors in Zones 1-6. ‘Ziva’ is ready to grow, requiring no cold period; all others will bloom more reliably if allowed to start in a cool place.

Many people stagger their planting times to prolong the season. If you don’t plant the bulbs right away, store them in a cool dry dark place—but don’t lose track of them or you may find them growing in their bags.



The longer you store paperwhite bulbs, the more quickly they bloom. October plantings usually bloom in 4–6 weeks; February plantings in as little as 2–3 weeks.

For a full appearance, group five to eight bulbs in a container 6" in diameter. Plant in pebbles or marbles, keeping bulbs above the waterline, or plant in soil for longer-lasting flowers. Allow to root in a cool (45–60°) dry dark place, for about 3 weeks, checking water level often. Some plantings may need staking to support heavy flower heads.

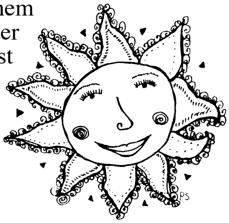
Research from Cornell shows that adding water with 5% alcohol after the shoots are 1–2" tall stunts their growth slightly, enough to prevent top-heavy tippiness, but not stunt their flowering. See www.hort.cornell.edu/miller/bulb/Pickling_your_Paperwhites.pdf for more.

‘Chinese Sacred Lily’ - *N. t.* var. *orientalis* - White petals with a golden yellow cup. Takes longer to root than other varieties and has fewer flowers, but its enchanting sweet fragrance is worth it. Having them blooming on the first day of the Chinese lunar new year is said to be auspicious. 16–20" tall. 15-16cm bulbs.

6261-A: 5 for $6.40 *6261-B: 10 for $10.25*
6261-C: 25 for $23.60 *6261-D: 100 for $85.00*

‘Erlicheer’ - Creamy white with a highly doubled center flecked with yellow. Reminiscent of ‘Cheerfulness’ both in appearance and fragrance, and pronounced *Early Cheer*. As many as 20 florets per stem. We once dropped Erlicheer because some folks said it didn’t bloom; we listed it again because other folks said they were *lovely* and wouldn’t we please bring them back. Root them at the colder end of cool (45–50°) for best performance. 12–14" tall. 15-16cm.

6262-A: 5 for $6.40
6262-B: 10 for $10.25
6262-C: 25 for $23.60
6262-D: 100 for $85.00



‘Grand Soleil d’Or’ - French heirloom “Great Golden Sun” has medium golden-yellow petals and an orange cup. Light fruity scent. Takes a couple of weeks longer than Ziva to bloom, about 4–6 weeks. 12–14" tall. 15-16cm.

6263-A: 5 for $6.40 *6263-B: 10 for $10.25*
6263-C: 25 for $23.60 *6263-D: 100 for $85.00*

‘Nir’ - All-white blooms with a more moderate fragrance than Ziva, and slightly larger florets. Produces more stems per bulb than other types, and will hold longer than Ziva for your late plantings. 14–16" tall. Jumbo bulbs, 18cm/up.

6264-A: 5 for $8.60 *6264-B: 10 for $13.75*
6264-C: 25 for $31.65 *6264-D: 100 for $115.00*

‘Ziva’ - White flowers bloom early with strong musky spicy fragrance. Has the most flowers per stem, and is one of the quickest to bloom, about 3–5 weeks, once planted. If you don’t plant until late winter, you’ll find them growing in storage! 16-18" tall.

‘Ziva’ - Jumbo bulbs, 17-18cm.

6265-A: 5 for $7.80 *6265-B: 10 for $12.50*
6265-C: 25 for $28.75 *6265-D: 100 for $104.00*

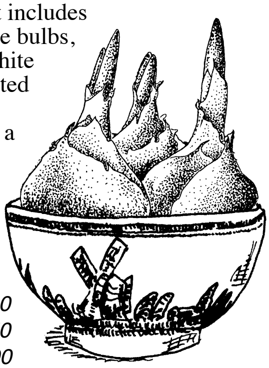
‘Ziva’ - Topsize bulbs, 16-17cm.

6266-A: 5 for $7.25 *6266-B: 10 for $12.00*
6266-C: 25 for $27.50 *6266-D: 100 for $97.00*

Paperwhite Kit

Decorative boxed kit includes three Ziva paperwhite bulbs, a 5"-round, 3"-tall white ceramic bowl imprinted with a classic blue windmill image, and a bag of gravel to help keep bulbs upright. Think gifts for all your friends and relatives! 14-15cm bulbs.

6267-A: 1 for $15.00
6267-B: 2 for $26.50
6267-C: 3 for $37.00



Perennial Plants

We've chosen these varieties not just for beds and borders, but because many can be used in woodland gardens, around trees, and other cool and shady places like we have in Maine. Plants that tolerate cool northern summers and perform well in our short summer season are invaluable.

Perennials on pp. 9-12 are part of the Main Shipment, late September to early October.
Plants on pp. 13-15 form the Early Shipment in early September, and are not available for pickup. **The final order date for Early Shipment is August 14.**

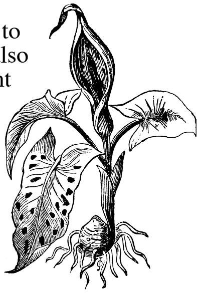
Perennials are bare root. Please open your order immediately and check that the roots are firm and pliable, neither soft nor brittle. If not planting promptly, make sure roots are moist and store stock in a cool dark place for up to seven days.

Prepare your planting spots: Make the holes large enough that the roots are not crowded or spiraled. Add a bit of compost, leaf mold, or a small amount of balanced fertilizer. Provide rich well-drained soil high in organic matter to hold moisture.

Plant to recommended depth and water well. Provide about 1" of water per week for a month after planting.

Arum italicum **subsp. italicum** **'Marmoratum' - Italian Arum**

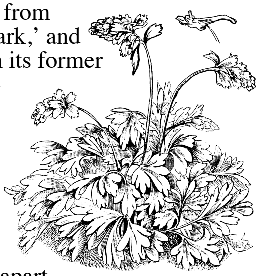
A showy spike of berries is the final event for this three-season performer. Berries start green and turn orange then red in late summer. In spring, 10–14" arrowhead-shaped glossy green leaves with cream-colored veins emerge, followed in early summer by a pale greenish-yellow cape-like flower hood called a spathe, itself 6–16" long. The yellow flower stalk, or spadix, contains many tiny pale flowers tightly packed on the stalk, which give way to those tightly packed berries. Related to our native Jack-in-the-Pulpit; also called **Lords-and-Ladies**. Plant rhizomes 4–6" deep in well-drained rich moist soil, in full to partial shade to dappled sun. 12–18" tall. ESu. With protection, Z5-9. 10-12cm.



6301-A: 5 for $5.25
6301-B: 10 for $8.35
6301-C: 25 for $19.25

***Corydalis solida* - 'Beth Evans' Fumewort**

Downward-swooping 3/4–1" flowers bloom mid-spring in clusters of up to 20 flowers riding just above or reaching out from amongst the foliage. Pinkish-mauve with streaks of lighter color along the lower portion and mouth of each tubular spurred flower, darker pink at the upward-angled tail spur. Deeply lobed palmate or fern-like grey-green leaves die back in summer heat.
The genus name comes from the Greek for 'crested lark,' and the common name from its former genus *Fumaria*, smoke-plant. Species native to northern hemisphere deciduous forest under-stories in partial shade and rich well-drained humusy soil. Moisture tolerant and deer-proof. Plant 4" deep and 4–5" apart. 8–10" tall. MS, Z5-8. 6cm/up.



6302-A: 5 for $4.25
6302-B: 10 for $6.80
6302-C: 25 for $16.65

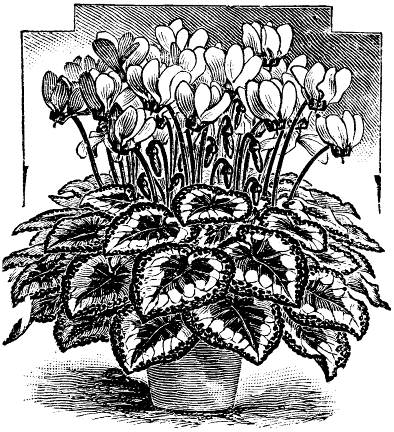
Flower Genus	Distance Apart	Planting Depth	Sun/ Shade	Tolerates Damp?
ARUM	5-7"	4-6"	shade	
CORYDALIS	4-5"	3-4"	shade	yes
CYCLAMEN	6-8"	1-2"	shade	
DICENTRA	24"	2-4"	shade	yes
HEMEROCALLIS	12-18"	to 1"	sun	
HOSTA	24-48"	1-2"	shade	yes
IRIS, bearded	6-18"	to 1"	sun	
IRIS, siberian	6-15"	2-3"	sun	yes
MERTENSIA	15-18"	3-4"	shade	yes
PEONIA	24-36"	to 1"	sun	

- Planting Depth is the approximate amount of soil above the top of the plant stock. Use deeper depths for colder areas and in sandy soils.
- See individual descriptions for additional planting information.

Included in each heading or description:

- Approximate height at flowering time
- Relative bloom time
  - VE: very early spring
  - ES: early spring
  - MS: mid-spring
  - LS: late spring
  - ESu: early summer
  - MSu: mid-summer
  - LSu: late summer
- USDA hardiness zones
- Stock size

✦¢✦ indicates an exceptionally good deal!



Cyclamen coum **- Hardy Cyclamen**

Reflexed and twisting pink petals seem to hover just above the foliage. In early spring, 1/2" flowers in varying shades of pink, wider than they are tall. Beautiful rounded to kidney-shaped to heart-shaped dark green leaves are often spackled silver. Prefers partial shade, and spreads slowly. (Not to be confused with *C. hederifolium*, also called hardy cyclamen or ivy-leaved cyclamen, but which blooms in late summer.) Native to mountains along the Black Sea. Plant 3–4" deep. Grows 3–5" tall. ES, Z5-9. 13-15cm.

6303-A: 3 for $9.75
6303-B: 6 for $16.50
6303-C: 12 for $29.75

Bleeding Heart - *Dicentra spectabilis*

Graceful racemes arch over clumps of attractive foliage. Distinctive heart-shaped flowers dangle in a row on each raceme like charms on a bracelet. Also called Lyre Flower, its genus has been updated to *Lamprocapnos*. Hardy long-lived perennial thrives in rich moist well-drained soil and full to partial shade. Will tolerate full sun in cool climates if given adequate moisture. Established plants can grow up to 3' wide. Plant 2–4" deep, 24" apart. Blooms early to mid spring, goes dormant in summer. ES-MS, Z3. 3–5 eyes.

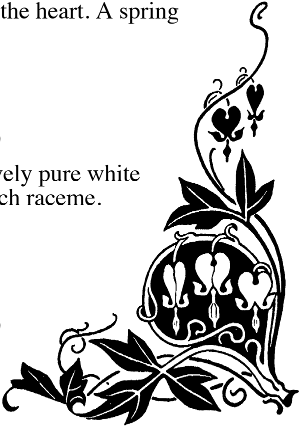
Old-Fashioned Bleeding Heart - Fuchsia-pink flowers with white inner petals forming a droplet visible beneath the heart. A spring classic. 30–36" tall.

6304-A: 1 for $5.50
6304-B: 3 for $13.25
6304-C: 6 for $23.85
6304-D: 12 for $41.00

Dicentra **'Alba'** - Lovely pure white flowers dangle from each raceme. 30–32" tall. **NEW!**

6305-A: 1 for $5.75
6305-B: 3 for $13.75
6305-C: 6 for $24.75
6305-D: 12 for $45.00

Hemerocallis - see p. 13



Hosta

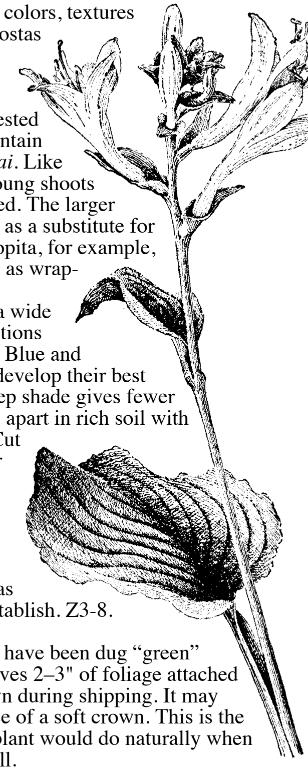
Valuable and cherished low-maintenance plant provides shade-loving groundcover from spring to frost. Bold foliage forming orderly mounds bears sprays of fragrant bell-shaped flowers on tall stalks.

With their varying colors, textures and clump sizes, hostas alone under trees can make a woodland garden.

Hostas are harvested in Japan as a 'mountain vegetable' or *sansai*. Like fiddleheads, the young shoots are boiled or braised. The larger leaves can be used as a substitute for spinach in spanokopita, for example, or for grape leaves as wrappers for dolmas.

Hostas tolerate a wide range of soil conditions but need moisture. Blue and variegated leaves develop their best color in shade. Deep shade gives fewer flowers. Plant 2–4' apart in rich soil with adequate humus. Cut flower scapes after blooms fade to encourage plant growth. Disturb clumps as little as possible; they improve with age as they spread and establish. Z3-8. 2-3 eyes.

Note: Our hosta have been dug "green" and the grower leaves 2–3" of foliage attached to protect the crown during shipping. It may give the appearance of a soft crown. This is the same as what the plant would do naturally when senescing in the fall.



'August Moon' - Large rounded chartreuse-yellow puckering leaves, up to 12" long and 9" wide, stay attractive all summer even when planted in the sun; or let it light up the shade garden. White flowers touched with lavender on scapes to 32" tall. Plants mature to 20–24" tall, 36–42" wide. ✦¢✦

6306-A: 1 for $4.75
6306-B: 2 for $7.60
6306-C: 3 for $10.50
6306-D: 6 for $19.00

'Blue Angel' - Very large oval blue-green leaves, up to 16" long and 12" wide! Pale lavender to white flowers on scapes to 48" bloom midsummer. Foliage will develop best blue color in light shade. Plants mature to 32–36" tall and 44–48" spread.

6307-A: 1 for $6.40
6307-B: 2 for $10.40
6307-C: 3 for $14.25
6307-D: 6 for $25.50

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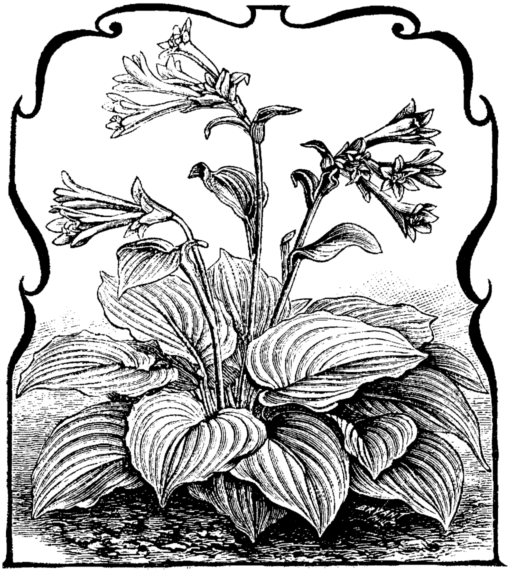


'Earth Angel' - Forms an impressive clump of giant blue-green leaves with wide creamy white margins and deep ribs. Rounded heart-shaped leaves up to 16" long and 12" wide. 2009's Hosta of the Year is a sport of Blue Angel. Lavender flowers on scapes to 40". Plants mature to 26–30" tall and 36–40" wide. ✦¢✦

6308-A: 1 for $6.40 *6308-B: 2 for $10.40*
6308-C: 3 for $14.25 *6308-D: 6 for $25.50*

'Patriot' - Deep kelly-green leaves with glistening streaky white edges. Lavender flowers on 26–30" flower stalks in midsummer. Leaves to 7" long and 3–4" wide. Plants mature to 18–22" tall and 26–30" wide.

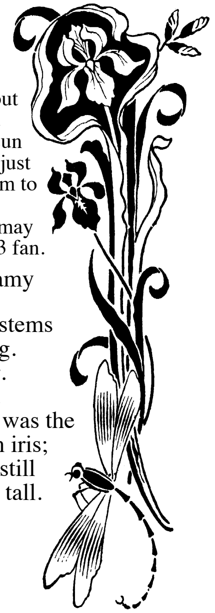
6309-A: 1 for $6.00 *6309-B: 2 for $9.60*
6309-C: 3 for $13.25 *6309-D: 6 for $24.00*

'Wide Brim' - Forest-green leaves with broad pale yellow to butter yellow edges. Pale lavender flowers on 24" stalks in mid to late summer. Leaves to 8" long by 6" wide. Plants mature to 18–20" tall and 26–30" wide.

6310-A: 1 for $5.50 *6310-B: 2 for $8.75*
6310-C: 3 for $12.15 *6310-D: 6 for $20.00*

Siberian Iris - *I. siberica*

Beardless flowers float above the foliage. Slim yet sturdy stems bear up to 5 blooms, good for cutting. Tall slender foliage in clumps looks great all summer grouped in borders or naturalized in colonies. Hardy, low maintenance, easy to grow; tolerates clay or poor dry soil, but performs best in rich moist acid soil. Plant 12–15" apart in full sun or partial shade, with rootstock just below soil level. Give them room to spread; divide tight clumps and clumps with open centers (you may need an axe). LS-ESu, Z3-9. 2-3 fan.



'Butter and Sugar' - Creamy white standards with Jersey butter-yellow falls. Their 2' stems make especially good cutting. When Maine iris breeder Dr. Currier McEwen introduced Butter and Sugar in 1970, it was the world's first yellow Siberian iris; won multiple awards and is still the yellow standard. 26–28" tall.

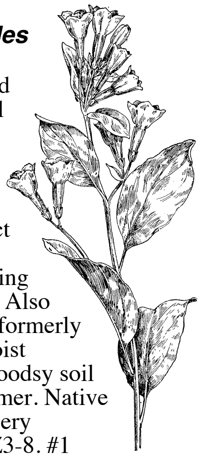
6311-A: 1 for $4.25
6311-B: 3 for $10.75
6311-C: 6 for $19.75
6311-D: 24 for $72.00

'Caesar's Brother' - Beautiful velvety deep rich cobalt blue lightly touched with white on the signals and gold on the hafts. Lots of pictures online make it look quite purple, but it's not. An old favorite, ever-popular for its incredible vigor and color. 36-42".

6312-A: 1 for $4.50
6312-B: 3 for $11.00
6312-C: 6 for $20.00
6312-D: 24 for $73.00

See more Iris pp. 14, 19

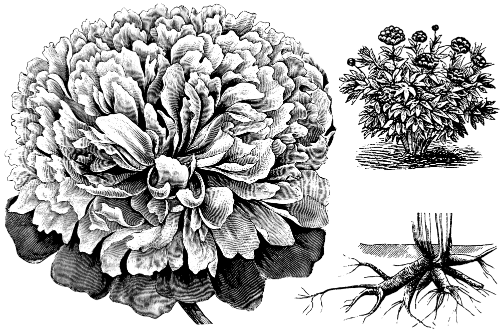
Mertensia pulmonarioides Virginia Bluebells



Clusters of nodding bell-shaped flowers held above veined oval leaves. Pink buds open to sky-blue or purple-blue flowers that look like those of Pulmonaria (lungwort). Clump-forming plant with erect stems is beautiful in shade displays with ferns, with bleeding hearts, with daffodils or squill. Also called **Virginia Cowslip**; was formerly *Mertensia virginica*. Prefers moist lowlands and slightly acidic woodsy soil in part shade. Dormant in summer. Native to eastern North America, nursery propagated. 18–24" tall. MS, Z3-8. #1 transplants.

6313-A: 3 for $9.25 *6313-B: 6 for $17.00*
6313-C: 12 for $31.00 *6313-D: 24 for $58.00*

(see *Hyacinthoides* Spanish and English Bluebells, p. 37)



Peonies - *Paeonia lactiflora*

Reliable, long-lived hardy herbaceous perennials. The species, a medicinal in China, is native from Tibet to Siberia. Maroonish-red to forest green shoots appear in mid spring, and form a bushy clump, about 3x3', of lustrous dark green deeply lobed foliage.

Fat spherical buds on sturdy stems above the foliage gradually open from late spring to early summer. Huge flowers are stunning on the bush and wonderful when cut. Ants on peony buds are normal, so leave them alone; if you're trying to bring cuts indoors, dunk them in a bucket of water to rinse off the ants.

Plant 2–3' apart with eyes no more than 1–1½" below the surface in deep, fertile, moist but well-drained soil, in full sun to partial shade. May take 3–5 years to establish before blooming, and resents being disturbed during that time. LS-ESu, Z3-8. U.S.-grown roots with 2-3 eyes, except as noted.

'Alexander Fleming' - Organic - Among the hotter pink peonies. Our grower describes this fully double variety's color as bubblegum. Though bubblegum might turn you off, the flowers, nestled among and above its vibrant forest-green foliage, provide a fetching color contrast. 28–30" tall. 3-5 eyes. **Maine Grown. Certified Organic.**

6314-A: 1 for $8.50 *6314-B: 2 for $16.00*
6314-C: 3 for $22.00 *6314-D: 6 for $41.00*

'Auten's Pride' - Organic - Edward Auten Jr began experimenting with peony seedlings in 1916, and over his lifetime bred and registered 298 cultivars. But only one is called Auten's Pride. Large fully doubled flowers of pale to light pink, lightly touched at the center with shades of lavender. Outer guard petals tend toward creamy white. Grower Allen Reynolds says it's his personal favorite, and your overwhelming interest last year means a limited supply this year. Substantial flower with form and aroma reminiscent of old roses. Late bloomer. 30–34" tall. 3-5 eyes. **Maine Grown. Certified Organic.**

6315-A: 1 for $8.50 *6315-B: 2 for $16.00*

'Benjamin Franklin' - Like its namesake, this peony is a very hardy late bloomer. A substantial double, deep red with slight lavender tinge, this 1907 cultivar had been hidden in the archives for decades and is now appreciated again for its prolific blooms and tantalizing fragrance. 20–24" tall.

6316-A: 1 for $8.50 *6316-B: 2 for $16.00*
6316-C: 3 for $22.00 *6316-D: 6 for $40.00*

'Bowl of Beauty' - Sublime bicolor "Japanese" or "anemone" flowers up to 8" wide, with pastel rose-red petals inside and soft pink outside. Large pouf of creamy yellow staminodes in the center. 24–30" tall. ✦¢✦

6317-A: 1 for $9.25 *6317-B: 2 for $17.00*
6317-C: 3 for $25.00 *6317-D: 6 for $43.00*

'Duchesse de Nemours' - Syn. '**Mrs. Gwyn Lewis**'. Early for a peony, the Duchesse produces fully double 5–7" flowers with spreading outer petals completely mounded over with lush white fragrant ruffled inner petals. Center petals are lit from within by their luminous yellow base. A sturdy and vigorous cultivar. 28–32" tall.

6318-A: 1 for $9.25 *6318-B: 2 for $17.00*
6318-C: 3 for $25.00 *6318-D: 6 for $43.00*

'Felix Supreme' - Organic - Large fully double deep ruby red blooms with light fragrance and dark green foliage. Great cutflower. Supreme was released in 1955 as an improved Félix Crousse, originally introduced in 1881. 32–34" tall. 3-5 eyes. **Maine Grown. Certified Organic.**

6319-A: 1 for $8.50 *6319-B: 2 for $16.00*
6319-C: 3 for $22.00 *6319-D: 6 for $41.00*

'Henry Sass' - Organic - Stunning all-white dependable bloomer is highly sought after for June weddings. High-built form on fully double flowers, up to 7" across on mature plants. Heavenly fragrance and a 7–10 day vase life. Flowers on long, strong stems sit up and don't droop. 34-36" tall. 3-5 eye. **Maine Grown. Certified Organic.** **NEW**!

6320-A: 1 for $8.50 *6320-B: 2 for $16.00*
6320-C: 3 for $22.00 *6320-D: 6 for $41.00*

'Koppius' - Deep rich carmine to purplish-red bowl-shaped fully doubled very large flowers bloom in the middle of peony-blooming season. Heady fragrance in the garden. 20–24" tall.

6321-A: 1 for $9.25 *6321-B: 2 for $17.00*
6321-C: 3 for $25.00 *6321-D: 6 for $43.00*

'Sarah Bernhardt' - Fragrant flowers open light rose-pink. Matures to a more delicate pink with a slight creamy-silvery edge. Richly full, but not crammed, double flowers, 6–8" across, appear late in the peony season. 32–36" tall.

6322-A: 1 for $7.40 *6322-B: 2 for $13.25*
6322-C: 3 for $18.75 *6322-D: 6 for $33.00*

Extraordinary Doubles Peony Collection

Sample three Maine-grown double peonies with a red, a pink, and a white with flecks of red. Our choice of three varieties, individually packaged and labeled by name. 22–36" tall. 3-5 eye. **Maine Grown. Certified Organic.**

6323-A: 1 collection for $25.50
6323-B: 2 collections for $49.00

Discounts on orders
received by
August 14, 2020:
take 5% off at $100,
10% off at $300,
15% off at $600,
20% off at $1200.

Daylilies - *Hemerocallis*

Low-maintenance perennials which produce a clump of narrow arched leaves topped with a scape of lily-shaped flowers. The genus *Hemerocallis* means 'beautiful day,' referring to each flower lasting only a day; but since each flower scape has many buds, bloom periods can be extensive.

A single daylily flower has three petals and three sepals, all six together called tepals, each with a midrib in the same or in a contrasting color. A "self" has all tepals and ribs the same color, though the throat may be the same or a different color.

Plant 12–18" apart in average soil; benefits from a shovel or two of compost. Very hardy, flourishes under a wide range of conditions, from full sun to shade, wet to dry. Once well established, divide every 4–5 years.

To aid rebloomers, deadhead after flowers fade. Rebloom less floriferous than the initial bloom. Z3-9, unless noted otherwise. U.S.-grown 2-3 fan divisions.

'Always Afternoon' - Soft lavender to dusky lilac blooms with a plum eye zone and vibrant lemon-yellow to lime-green throat. Mildly recurving fairly broad petals, lightly ruffled edges and blunted tips form a 5½" flower. Rebloomer introduced 1987. 20–22" tall. E-LSu. **NEW!**

E6108-A: 1 for $5.60 *E6108-B: 3 for $14.50*
E6108-C: 6 for $26.00 *E6108-D: 12 for $46.00*

'Autumn Red' - Dark mahogany-red 4–5" narrowish flowers, almost like a spider type, with a glistening yellow throat and striking slender golden-yellow mid-ribs. Introduced in 1941. Blooms late in season and has been known to bloom again; scapes 24–35" tall. LSu.

E6109-A: 1 for $4.50 *E6109-B: 3 for $10.75*
E6109-C: 6 for $19.50 *E6109-D: 12 for $37.00*

'Bela Lugosi' - A stunner both in dark shadows and bright sunshine. Purple to maroon-plum wide overlapping petals with glowing yellow-green throat. Flowers up to 6" across. 32–33" tall. M-LSu. **NEW!**

E6110-A: 1 for $5.60 *E6110-B: 3 for $14.50*
E6110-C: 6 for $26.00 *E6110-D: 12 for $46.00*

'Blackberry Sherbet' - Bright golden yellow with a black-red eye zone around a yellow throat. Overlapping flowers 4½" across in mid-late summer. Introduced 1994. 26–28" tall. M-LSu.

E6111-A: 1 for $5.50 *E6111-B: 3 for $14.00*
E6111-C: 6 for $25.00 *E6111-D: 12 for $45.00*

'Frans Hals' - Smart-looking two-tone dusky orange-red petals with a yellow mid-rib. In contrast, the sepals are all yellow. Pale green deep in throat. 4–4½" flower. 34–36" tall. M-LSu. ✦¢✦

E6112-A: 1 for $4.35 *E6112-B: 3 for $10.50*
E6112-C: 6 for $18.90 *E6112-D: 12 for $35.00*

'Purely' - Broad, slightly reflexed creamy white 6" self blooms, edges lightly fluted, with lemony yellow to pale green throat. Lightly fragrant and a repeat bloomer. 24" tall. E-MSu. ✦¢✦

E6113-A: 1 for $4.50 *E6113-B: 3 for $10.75*
E6113-C: 6 for $19.50 *E6113-D: 12 for $37.00*

'Purple de Oro' - Lavender-purple tepals with darker purple veins, lighter mid ribs, yellow-gold throat. Broad, slightly reflexed and ruffle-edged petals form 3" flowers. Its continuous blooming tendencies, 18–24" flower stalks, and compact habit make this Stella family member excellent for containers as well as the garden. E-LSu.

E6114-A: 1 for $5.25 *E6114-B: 3 for $13.75*
E6114-C: 6 for $24.75 *E6114-D: 12 for $45.00*

'Ruby Stella' - Dark ruby flowers with deep wine-red markings, a striking yellow-bordered greenish throat, and red anthers for highlights. Foliage 14–18" tall and flower scapes up to 22". Tolerates drought once established. Prolific 3" blooms from early summer until first frost. Performs best in full sun and does not require deadheading, pruning or pinching. E-LSu, Z4-11.

E6115-A: 1 for $5.90 *E6115-B: 3 for $14.30*
E6115-C: 6 for $26.00 *E6115-D: 12 for $48.00*

'Stella Supreme' - Soft lemon tepals, mildly reflexed, form a 3" flower with a citrus scent. Blooms early like its parent 'Stella de Oro', but rebloom is longer, often until the first frost. Foliage reaches 14" and flower scapes reach 20". Performs best in full sun, is drought tolerant and does not require deadheading or pinching. E-LSu, Z4-11.

E6116-A: 1 for $5.75 *E6116-B: 3 for $13.75*
E6116-C: 6 for $24.75 *E6116-D: 12 for $46.00*

'Strawberry Candy' - Delicious medium-pale pink surrounds a broad rose-red eye zone and a yellow-green throat. Rose picotee edges, on 4–5" blooms. Winner of the 1998 Stout Medal, the highest award from AHS. Repeat bloomer. 24–26" tall. E-MSu, Z3-8. ✦¢✦

E6117-A: 1 for $5.25 *E6117-B: 3 for $13.75*
E6117-C: 6 for $24.75 *E6117-D: 12 for $45.00*

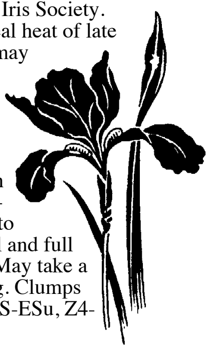
Perennials on pp. 9-12 are part of the Main Shipment, late September to early October.
Plants on pp. 13-15 are shipped in early September (even if you choose to pick up the rest of your order).
The final order date for plants on pages 13-15 is August 14.

Bearded Iris - *Iris* x *germanica*

A hardy perennial and fine cutflower, with multiple 3–6" blooms on each flower stalk. Strong sword-shaped foliage. Beards are soft hairs protruding up from the crest of each fall, often in contrasting colors. Awards listed are given by the American Iris Society.

Blooming begins in the first real heat of late May or early June. Rebloomers may have a second bloom later in the season depending on climate and cultivation methods—deadheading helps.

Plant rhizomes horizontally, less than 1" deep, in clusters with new growth facing outward. Vigorous plants, so give them room to spread. They appreciate light soil and full sun, and require good drainage. May take a year to establish before blooming. Clumps need dividing every 4–5 years. LS-ESu, Z4-8. #1 fieldgrown rhizomes.



'Batik' - Standards and falls rich blue-purple with distinctively "etched" or "batiked" streaks of white throughout, and a shimmering gold and silver beard. No two flowers are exactly the same. 24–26" tall. 1992 Knowlton Award winner.

E6118-A: 1 for $7.25 E6118-B: 3 for $19.25
E6118-C: 6 for $35.00 E6118-D: 12 for $63.00

'Bernice's Legacy' - Sumptuous velvety rich red-garnet falls really grab your eye, but almost obscure the subtle bronzy-gold beard. Antique rose standards with touches of yellow in the base. Rebloomer in many locations. 32" tall.

E6119-A: 1 for $7.00 E6119-B: 3 for $18.75
E6119-C: 6 for $33.00 E6119-D: 12 for $59.00

'Cherry Blossom Song' - Pink standards atop falls of dark rose to wineberry juice with a pink center streak. Lightly ruffled pink petal edges. Fiery orange beard is surrounded by shoulders streaked pink, white and purple. Midseason bloomer introduced in 2002. 34–36" tall. **NEW!**

E6120-A: 1 for $7.65 E6120-B: 3 for $19.75
E6120-C: 6 for $36.75 E6120-D: 12 for $68.00

'French Cancan' - Soft pink standards and icy sky blue falls with pale pink shoulders and an outstanding fiery-orange beard. Blooms mid-late in the bearded iris season. 30–33" tall. Offered on our website last season, but **NEW!** to the print catalog. ✦¢✦

E6121-A: 1 for $7.25 E6121-B: 3 for $19.25
E6121-C: 6 for $35.00 E6121-D: 12 for $63.00

'Immortality' - Pure white standards and falls; a pale yellow blush peeks out of shadow areas. Fragrant rebloomer with its frothy white beard is said by some to be the most reliable rebloomer for the North. 28–29" tall.

E6122-A: 1 for $7.25 E6122-B: 3 for $19.25
E6122-C: 6 for $35.00 E6122-D: 12 for $63.00

Plants on pp. 13-15 are shipped in early September (even if you choose to pick up the rest of your order). **The final order date for these plants is August 14.**

'Peggy Sue' - Peggy must be cut from the same stellar cloth as 'Beverly Sills', the most famous pink bearded iris; they share medium pink standards, with paler pink falls and orange beards. Does rebloom in locales with sufficiently long growing season. Up to 34" tall. **NEW!**

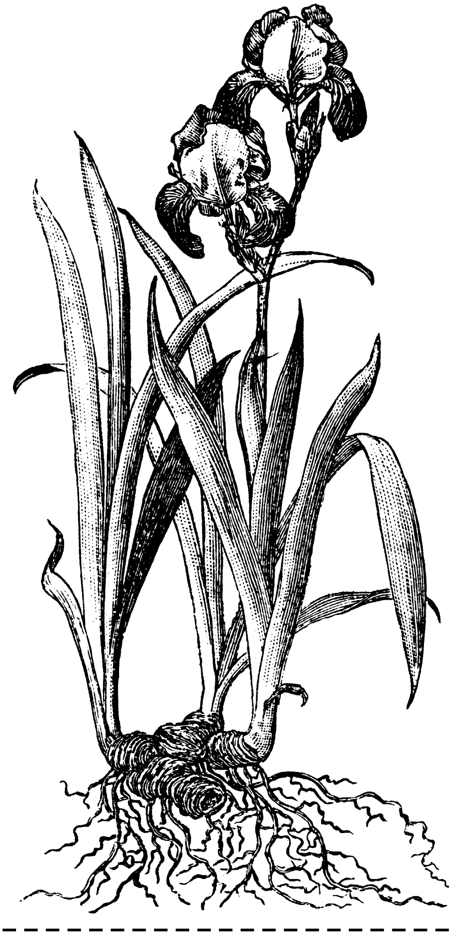
E6123-A: 1 for $7.25 E6123-B: 3 for $19.25
E6123-C: 6 for $35.00 E6123-D: 12 for $63.00

'Savannah Sunset' - Bright orange standards with falls of slightly less intense orange. Glowing orange beard stands out, even inside all that orange sunset. Reblooms, especially in longer growing season regions. 36-38" tall. **NEW!**

E6124-A: 1 for $7.25 E6124-B: 3 for $19.25
E6124-C: 6 for $35.00 E6124-D: 12 for $63.00

'Sorbonne' - Dark reddish-purple ruffled standards. Edges of falls are similar to standards, but there the similarity ends. Centers of falls are light with a purple stripe, and infused with green-gold and purple mottling. Beard is dark, hidden inside. Tall!—up to 42". ✦¢✦

E6125-A: 1 for $7.25 E6125-B: 3 for $19.25
E6125-C: 6 for $35.00 E6125-D: 12 for $63.00



Early Shipment Fall-Blooming Corms

Fall-blooming Flowers

Colchicum

Only distantly related to crocus, its common names **Autumn Crocus** and **Meadow Saffron** would lead you to think otherwise. (But don't be fooled—Colchicum is toxic.) Other common names of **Naked Boys**, **Naked Girls** or **Naked Ladies** are more illustrative; in September, flower stalks emerge from the ground, months after the leaves died back.

In early fall, the large bulb-like corms send up cup- or goblet-shaped crocus-like 4–8" flowers, up to five per stem, in shades pastel to vibrant. Glossy broad 8–12" leaves emerge in spring to feed the corms, then die back two months before autumn's naked bloom.

Plant the base 5" deep in fertile, well-drained soil *soon* after you get them. Grows well in full sun or partial shade. Native to western Asia and parts of the Mediterranean; many named varieties were selected by Zocher & Co in Holland in the early 1900s. Z4-9.

'The Giant' - Organic - Violet to rosy pink with a white base. 3" petals open nearly flat in bright sun. Bulbs can fill in over time to form a cheery mat. 6–8" tall. 20cm/up. **Maine Grown. Certified Organic.**

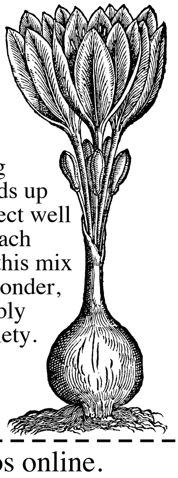
E6101-A: 1 for $7.50
E6101-B: 3 for $18.25
E6101-C: 6 for $33.00
E6101-D: 12 for $59.00

'Waterlily' - Pink to mauve many-petalled fully doubled flowers in early fall really do look like waterlilies sprouting from the ground. May take a year to establish before flowering. One October several years ago, I carefully planted some bulbs with 5" curling blanched stalks, and they colored up nicely and have performed well since. 5–6" tall. 16cm/up.

E6102-A: 1 for $7.75
E6102-B: 3 for $19.75
E6102-C: 6 for $36.75
E6102-D: 12 for $68.00

Colchicum speciosum - Our grower describes this as "lavender-purple with some slightly bluish undertones." Tall for a colchicum, like The Giant, whose 3-4" wide goblet-shape it resembles. Different from others in that it often displays tessellated, or checkerboard, markings both the inside and outside, a pattern you see in Guinea-Hen flower (see p. 36). A fast multiplier. 6–7" tall. 16-18cm. **Eco-grown in Massachusetts.**

E6103-A: 1 for $9.75
E6103-B: 3 for $25.50
E6103-C: 6 for $46.00

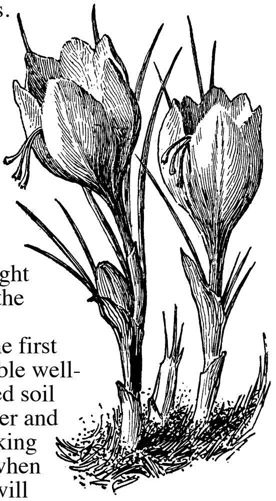


Colchicum Variety Mix - Vibrant violet, lilac, lavender and white flowers contrast with falling leaves in October. Each corm sends up 5–10 flowerstalks so you can expect well over two weeks of blooms from each plant year after year. Included in this mix are The Giant, Waterlily, Lilac Wonder, *C. autumnale* 'Album', and possibly others. 4–12" tall. Topsize by variety.

E6104-A: 3 for $22.00
E6104-B: 6 for $42.00
E6104-C: 12 for $78.00

Fall-blooming Crocus

These true crocus, close cousins to the spring flowers, are not toxic; saffron crocus forms one of the world's great spices. Plant these in a sunny well-drained somewhat protected spot where they will be visible during their mid-late fall bloom.



Crocus sativus - **Saffron Crocus** - Valued for its three extra-long orange-red stigmas used for seasoning, medicine and dye. The sterile flower opens broadly in the October sun, with classic crocus leaves. Petals range from light lilac to violet with darker veins. While it takes about 68,000 flowers to make a pound of saffron, you can begin your home supply, harvesting and drying the stigmas at just the right fleeting moment as the morning dew dries.

May not bloom the first autumn. Prefers friable well-watered, well-drained soil high in organic matter and full sun. Lightly forking the bed in summer when corms are dormant will help separate and spread bulblets in the bed.

Not found in the wild; genetic research points to domestication in eastern Greece or Crete over 3500 years ago. Some say only hardy to Zone 6, but others say Zone 5 with good drainage and a deep mulch over the winter. 3–4" tall. Z5-9. 8-9cm. ✦¢✦

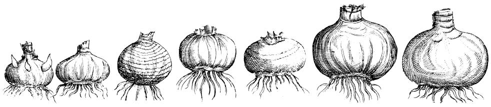
E6105-A: 5 for $3.45
E6105-B: 10 for $5.50
E6105-C: 25 for $12.65
E6105-D: 100 for $42.00

Crocus speciosus - Violet blue flowers are the earliest of the fall-flowering crocus to bloom, so plant them promptly. Wild fringey stamens inside veined flowers on long stems. Plant closely for support, or among ground covers. Spreads easily and rapidly. Leafs out in spring. The hardiest fall crocus available. 4" tall, perhaps taller in later years. Z4-9. 5-6cm.

E6106-A: 5 for $3.85
E6106-B: 10 for $6.20
E6106-C: 25 for $14.25
E6106-D: 100 for $52.00

Fall-flowering Crocus Mix - These autumn-flowering crocuses provide a welcome kick of low-growing color. White, purple, lilac, pink, and violet with darker veins, in brilliant contrast to their stamens of oranges and lemon yellows. Includes *C. sativus*, *C. speciosus*, *C. speciosus* 'Albus', *C. pulchellus* and *C. kotschyanus*. Too tender for cold areas. 4–6" tall. Z6-10. 5-6cm.

E6107-A: 10 for $7.25
E6107-B: 20 for $11.60
E6107-C: 50 for $27.00
E6107-D: 100 for $49.00



Crocus provide an early spring burst of color as well as food for bees. Once established, crocus can spread by “cormlets” and seed in well-drained areas. Foliage of low-growing varieties fades before the grass needs mowing. One of the most popular genera, they are welcome precursors of spring—colorful, long-lived, and easy to grow. Their waxy coat allows them to bloom even through a late snow. Flowers open wide in bright sun and close up at night and on grey days.

Species Crocus Mix

A mix of types and colors, mostly *Crocus chrysanthus* with some of the other small, low-growing species as well. 2–4" tall. VE, Z3-8. 6cm/up.

6421-A: 20 for $5.55
6421-B: 40 for $8.85
6421-C: 100 for $20.40
6421-D: 300 for $55.00

Snow Crocus - *C. chrysanthus*

The best-known small crocus species. Up to 4 fragrant flowers per corm, with rounded petals. Native to Greece, Turkey and the Balkans. 3–4" tall. VE, Z3-8. 5cm/up, except where noted.

‘Blue Pearl’ - Pale blue petals with a bronze base outside, pearly white and pale blue inside with a yellow base. 6cm/up. ✦¢✦

6422-A: 10 for $2.85 *6422-B: 20 for $4.60*
6422-C: 50 for $10.60 *6422-D: 200 for $35.00*

‘Cream Beauty’ - Light eggnog cream with a slightly darker base and orange stamens. Not one of the usual colors, but plays well with others.

6423-A: 10 for $3.45 *6423-B: 20 for $5.50*
6423-C: 50 for $12.65 *6423-D: 200 for $41.00*

‘Dorothy’ - Bright deep orange-yellow inside with a light feathering of bronze on the base outside. 6cm/up.

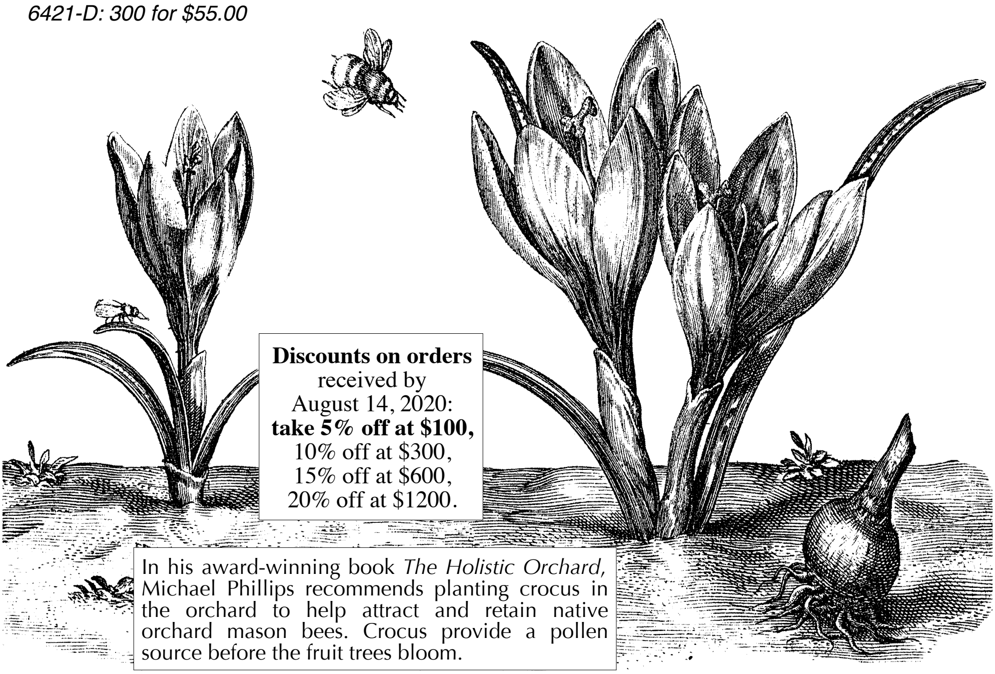
6424-A: 10 for $3.45 *6424-B: 20 for $5.50*
6424-C: 50 for $12.65 *6424-D: 200 for $41.00*

‘Prins Claus’ - White petals brushed with dark violet on the outside, white inside with bright orange stamens.

6425-A: 10 for $4.25 *6425-B: 20 for $6.80*
6425-C: 50 for $15.65 *6425-D: 200 for $51.00*

‘Snow Bunting’ - Winter white with a gold center, very lightly feathered grey-blue on the outside. Lightly fragrant.

6426-A: 10 for $4.25 *6426-B: 20 for $6.80*
6426-C: 50 for $15.65 *6426-D: 200 for $51.00*



Discounts on orders
received by
August 14, 2020:
take 5% off at $100,
10% off at $300,
15% off at $600,
20% off at $1200.

In his award-winning book *The Holistic Orchard,* Michael Phillips recommends planting crocus in the orchard to help attract and retain native orchard mason bees. Crocus provide a pollen source before the fruit trees bloom.

'Yellow Mammoth' - *C.* x *luteus* (*C. flavus* x *C. angustifolius*) - The classic big yellow, the most popular crocus variety for over 300 years. Also sold under the names Golden Yellow, Giant Yellow, and Grote Geele. Vigorous, 2–5 large flowers per corm. Sterile; spreads by offsets. Blooms slightly before the Jumbos, *C. vernus*, but often is grouped with them. 4–6" tall. VE-ES, Z3-8. 8-9cm.

6427-A: 10 for $4.90 *6427-B: 20 for $7.85*
6427-C: 50 for $17.95 *6427-D: 200 for $65.00*

'Tricolor' - *C. sieberi* sbsp. *sublimus* f. *tricolor* - Golden-orange throat banded with white makes a vivid center in these bright lilac-blue blooms. Sublimely striking whether in the garden or forced indoors. Sometimes the flowers emerge before the leaves; flowers open wide and starlike in the sun. One to three scented flowers per corm. Vigorous species native to Greece and Crete. 2–3" tall. VE, Z4-8. 5cm/up.

6428-A: 10 for $2.90 *6428-B: 20 for $4.65*
6428-C: 50 for $10.60 *6428-D: 200 for $36.00*

'Ruby Giant' - *C. tommasinianus* - Purplish-red slender flowers with a lighter base and margins. Pointy petals, 1–2 flowers per corm, and a very pronounced white stripe on the leaves. Doesn't compete well in grass, but easily reseeds itself and forms colonies in gardens. Large, almost as large as the Jumbos, vigorous and free-flowering. The most tolerant of moisture during the dormant period. Species called **Woodland Crocus**, native to Bulgaria and Dalmatia. 3–4" tall. VE, Z3-8. 5cm/up.

6429-A: 10 for $2.75 *6429-B: 20 for $4.40*
6429-C: 50 for $10.00 *6429-D: 200 for $33.00*

Jumbo or Dutch Crocus - *C. vernus*

While "jumbo" relative only to other crocuses, they *are* larger, slightly later than the smaller kinds, and are the most commonly grown. Good for bedding, naturalizing and forcing. Flowers do equally well in sun or partial shade. Divide every 3–4 years if needed to prevent overcrowding. 4–6" tall. VE-ES, Z3-8. 8-9cm.

'Flower Record' - Deep violet-mauve flowers with a purple base. Spreads readily. Popular since its introduction in Victorian times as **Crocus Purpurea Grandiflora**.

6430-A: 10 for $4.90 *6430-B: 20 for $7.85*
6430-C: 50 for $17.95 *6430-D: 200 for $65.00*

'Jeanne d'Arc' - Gleaming pure white petals and bright orange pistils. Pair it with any other for brilliant contrast. ✦¢✦

6431-A: 10 for $4.70 *6431-B: 20 for $7.50*
6431-C: 50 for $17.25 *6431-D: 200 for $61.00*

'Pickwick' - Marble-white petals striped and tinged with lilac-purple veins.

6432-A: 10 for $4.90 *6432-B: 20 for $7.85*
6432-C: 50 for $17.95 *6432-D: 200 for $65.00*

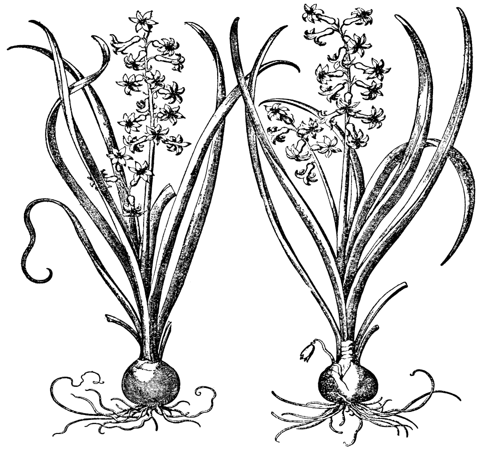
Jumbo Crocus Mix - Yellow, white, purple, blue and stripes, for large-scale naturalizing or border plantings. Landscape size, 7-8cm.

6433-A: 20 for $8.75 *6433-B: 40 for $14.00*
6433-C: 100 for $32.25 *6433-D: 300 for $85.00*

Included in each heading or description:

- Approximate height at flowering time
- Relative bloom time
  - VE: very early spring
  - ES: early spring
  - MS: mid-spring
  - LS: late spring
- USDA hardiness zones
- Bulb size

✦¢✦ indicates an exceptionally good deal!



Hyacinths - *Hyacinthus orientalis*

More popular than either tulips or daffodils 140 years ago, their heady fragrance and range of color make them a favorite in the spring. An old Persian proverb says that if you have two loaves of bread, you should sell one to buy hyacinths.

For best showing year after year, plant bulbs deep in rich well-drained soil in full sun and fertilize each fall. After the first year, the florets are slightly smaller and not as dense. Grow them in the border in close bunches or meandering drifts. Because a natural compound in the bulbs can cause "hyacinth itch," wear gloves during planting, and wash with cold water and plain soap after handling the bulbs. 8–12" tall. ES-MS, Z4-8. 15-16cm bulbs.

'Atlantic' - Sun-splashed lighter edges on dark lilac to purple florets, with amethyst veins. Aromatic beauty offers a sublime contrast to daffodils. ✦¢✦

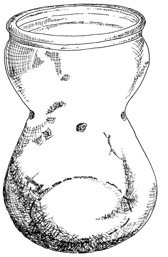
6452-A: 3 for $4.75 *6452-B: 6 for $7.50*
6452-C: 12 for $13.50 *6452-D: 48 for $46.00*

'Delft Blue' - Rich soft porcelain blue. The classic hyacinth color that goes with everything. In the city of Delft there still exists one factory making the blue porcelainware as they have for over 350 years.

6453-A: 3 for $4.75 *6453-B: 6 for $7.50*
6453-C: 12 for $13.50 *6453-D: 48 for $46.00*

"Antiqued" Hyacinth Glass

Classic hourglass shape holds the bulb securely, with plenty of room for roots. Add interest with small stones or beach glass in the base. Clear, antiqued wavy heavy glass, with dimples around the "waist" to ensure good drainage around the bulb. $5^{3}/_{4}$" tall, $3^{1}/_{2}$" diameter.



6451-A: 1 for $6.35
6451-B: 3 for $15.25
6451-C: 6 for $27.50
6451-D: 12 for $49.00

'Peter Stuyvesant' - Deep blue to royal purple. Strong sun fades many dark varieties, but Peter holds color well. Also bred for strong stems to withstand hard wind and rain.

6454-A: 3 for $5.25 *6454-B: 6 for $8.50*
6454-C: 12 for $13.30 *6454-D: 48 for $52.00*

'Pink Pearl' - Deep rose pink with pale pink veins and edges. Very fragrant. ✦¢✦

6455-A: 3 for $4.75 *6455-B: 6 for $7.50*
6455-C: 12 for $13.50 *6455-D: 48 for $46.00*

'Woodstock' - Marvelous rich violet-red color with a hint of magenta, like a glistening cut beet. Very full flower and definitely a stand-out.

6456-A: 3 for $4.90 *6456-B: 6 for $7.80*
6456-C: 12 for $14.00 *6456-D: 48 for $49.00*

'Yellowstone' - Pale yellow inside each floret, with a deeper forsythia-yellow on buds and backs of petals. This fragrant beauty makes an excellent complement to darker hyacinths.

6457-A: 3 for $4.75 *6457-B: 6 for $7.50*
6457-C: 12 for $13.50 *6457-D: 48 for $46.00*

Hyacinth Mix - Most of the above colors, along with red, white and maybe more.

6458-A: 6 for $7.90 *6458-B: 12 for $12.70*
6458-C: 24 for $22.75 *6458-D: 96 for $81.00*

Use plants like daylilies, irises, lilies, or other later-emerging plants to help mask yellowing, dying leaves of early bulbs.

For other planting tips, info on sold-out varieties and late-added offerings, or to order online, please visit our website:

fedcoseeds.com/bulbs

Dwarf Iris

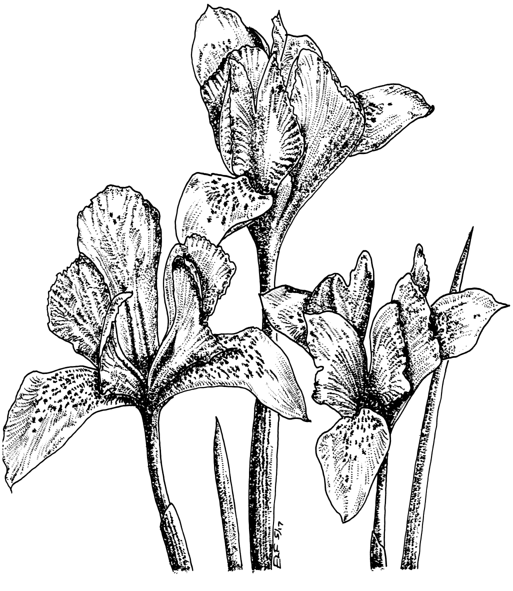
Smaller delights, blooming in very early spring, for bursts of color in the lawn, border or rock garden. Robust and hardy, spread easily once established. Also good for forcing. Enjoys full sun and sandy soils. Short leaves at flowering, later grow to 10–12". Plant 4" deep and 1" apart for maximum color splash. 5cm/up bulbs.

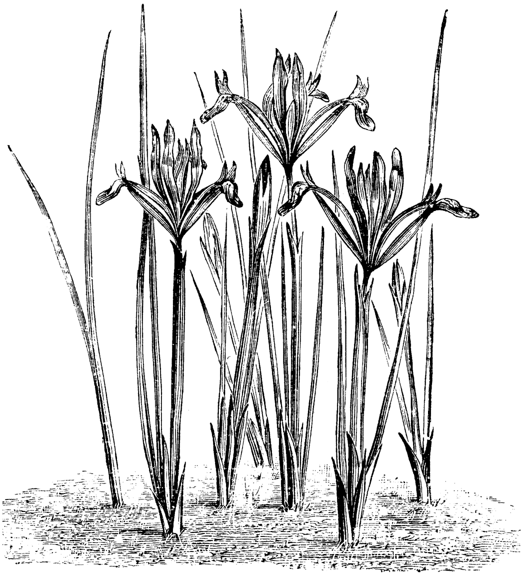
I. danfordiae - Fragrant, brilliant lemon-yellow flowers. Falls display an orange crest with small olive spots; tiny upright standards and erect narrow leaves. Often the first iris to bloom. Native to Turkey; prefers hot summers. 3–6" tall. VE, Z4-9.

6459-A: 10 for $5.25
6459-B: 20 for $8.35
6459-C: 50 for $19.25
6459-D: 100 for $35.00

***I. histroides* 'Katharine Hodgkin'** - Light blue standards with royal blue to purple striping. Pale lavender-streaked falls are highlighted by a yellow crest splashed with deep purple spots. Unusual, beautiful color combination. Flowers 3" across. 3–5" tall. ES, Z4-9.

6460-A: 10 for $5.75
6460-B: 20 for $9.25
6460-C: 50 for $21.25
6460-D: 100 for $38.00





***I. reticulata* 'Dark Blue'** - Rich navy blue nearly horizontal standards and darker falls contrast smartly against a yellow and white crest. Hardy dwarf tolerates late snows and frosts with no loss of color. 4–6" tall. VE-ES, Z4-9. ✦¢✦

6461-A: 10 for $3.40
6461-B: 20 for $5.50
6461-C: 50 for $12.65
6461-D: 100 for $23.00

***I. r.* 'Harmony'** - Velvety royal purple-blue falls with a yellow crest, and lavender-blue standards. Fragrant, long-lasting. 3–5" tall. VE-ES, Z4-9.

6462-A: 10 for $3.75
6462-B: 20 for $6.00
6462-C: 50 for $13.80
6462-D: 100 for $25.00

***I. r.* 'J.S. Dijt'** - Reddish-purple delightful flowers highlighted by a gold signal with white borders on unfurling falls. 4–5" tall. VE-ES, Z4-9.

6463-A: 10 for $3.75
6463-B: 20 for $6.00
6463-C: 50 for $13.80
6463-D: 100 for $25.00

Dwarf Iris Mix - Four or more mini varieties from *I. danfordiae* and *I. reticulata*; a mix of colorful early spring standouts. 3–6" tall.

6464-A: 20 for $6.40
6464-B: 40 for $10.50
6464-C: 100 for $23.75
6464-D: 200 for $43.00

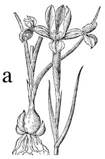
Iris is the name of the Greek goddess of the Rainbow, and of this large genus of beautiful flowers in a range of sizes and a rainbow of colors. Growing from bulbs or fleshy rhizomatous roots, irises are superb for cutting and borders. For all iris, "standards" are the three erect petals; "falls" are the three pendent, reflexed or spreading petals. The blaze of contrasting color is the "crest," "blotch" or "signal."

Most irises prefer sun or dappled shade with moderately fertile well-drained soil. All bulbous irises prefer dry soils when dormant in summer.

See p. 11 for Japanese and Siberian irises, and p. 14 for German bearded iris.

Dutch Iris Mix - *Iris* x *hollandica*

Among the best cutflowers, with elegant airy blooms on stiff stems; cut when buds are plump. Lovely clumped in the border. White, yellow, blue, ivory, mauve, violet and more. Dutch iris are a complex cross of *Iris xiphium*, *I. tingitana*, and *I. latifolia*. 16–24" tall. LS-ESu, Z5-8. 8-9cm.



6465-A: 20 for $6.75
6465-B: 40 for $10.75
6465-C: 100 for $24.75
6465-D: 200 for $46.00

Flowering Onions - *Allium*

This large genus is characterized by small six-petaled florets held in umbels—large or small, loose or tight. Sweet-smelling blooms make great fresh cutflowers or dried winter arrangements whether you cut them before or after the green seed pods form. Alliums prefer full sun and well-drained soil. Most repel slithery, winged and legged pests—including deer—and only if crushed will they smell like onion. All types LS-ESu, except where noted.

Low-growing Alliums

A. caeruleum - **Blue of the Heavens** Gorgeous flax-blue florets form a dense $1\frac{1}{2}$" umbel. Hardy variety from Siberia formerly called *A. azureum*, gradually forms large clumps. Feed in early spring to promote leaf and bulb growth; leaves die back in spring before flowering begins. 12–16" tall. Z3-8. 5cm/up.

6401-A: 10 for $4.25　*6401-B: 20 for $6.80*
6401-C: 50 for $15.65　*6401-D: 200 for $57.00*

A. moly - **Lily Leek** - Bright yellow 2–3" upright umbels, naturalizing easily in sunny borders, rock gardens, light woods and under shrubs. Called **Golden Garlic** in some locales. Produces many bulblets which mature quickly. Grows wild in southern Europe where it was used for centuries as a talisman. 6–8" tall. Z3-8. 5cm/up. ✦¢✦

6402-A: 10 for $2.75　*6402-B: 20 for $4.35*
6402-C: 50 for $9.95　*6402-D: 200 for $33.00*

A. oreophilum - **Pink Lily Leek** - Bright fuchsia-rose florets with darker midribs, in a 2" semi-loose umbel. Lightly fragrant florets are larger than those of most other types. 8–10" tall. Z3-8. 5cm/up.

6403-A: 10 for $2.75　*6403-B: 20 for $4.35*
6403-C: 50 for $9.95　*6403-D: 200 for $33.00*

A. trifoliatum **'Cameleon'** - Bright rosy-pink florets change to white with rose midribs over time. Many show both colors at once, giving an overall pale pink apple-blossom effect. Species from northern Italy and southern France; variety also spelled 'Caméléon', French for *chameleon*. 10–12" tall. Z5-9. 4cm/up. ✦¢✦

6404-A: 10 for $3.00　*6404-B: 20 for $4.75*
6404-C: 50 for $10.95　*6404-D: 200 for $39.00*

Small Allium Mix - A fragrant mix of three of the smaller alliums, in yellow *(A. moly)*, rose *(A. oreophilum)*, and white *(A. neapolitanum)*. If fed and happy, will spread over time. 6–16" tall. Z4-8. 5cm/up.

6405-A: 10 for $2.50
6405-B: 20 for $4.25
6405-C: 50 for $9.75
6405-D: 200 for $31.00

Medium-height Alliums

A. cristophii - **Star of Persia** - The largest flower umbel of the genus, though not as dense as others, giving it a light airy appearance. 8–12" spheres of silvery pink-violet starry $1\frac{1}{2}$–2" florets stand out in the garden and make excellent cuts. 18–24" tall. Z4-8. 12-14cm. ✦¢✦

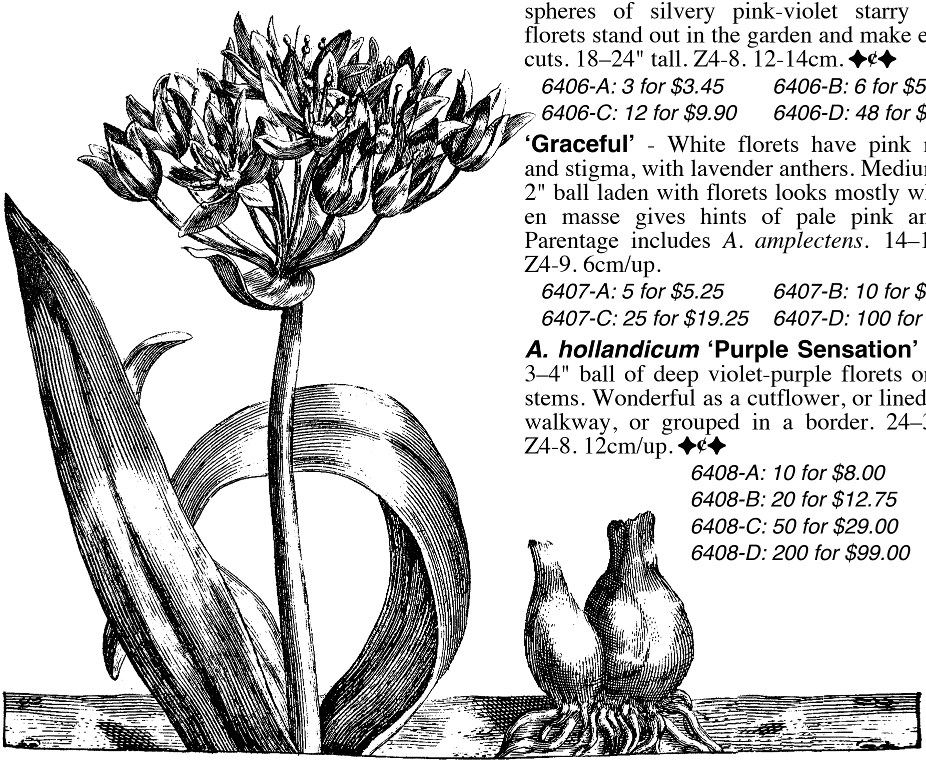
6406-A: 3 for $3.45　*6406-B: 6 for $5.50*
6406-C: 12 for $9.90　*6406-D: 48 for $31.00*

'Graceful' - White florets have pink mid-ribs and stigma, with lavender anthers. Medium-dense 2" ball laden with florets looks mostly white, but en masse gives hints of pale pink and lilac. Parentage includes *A. amplectens*. 14–18" tall. Z4-9. 6cm/up.

6407-A: 5 for $5.25　*6407-B: 10 for $8.35*
6407-C: 25 for $19.25　*6407-D: 100 for $71.00*

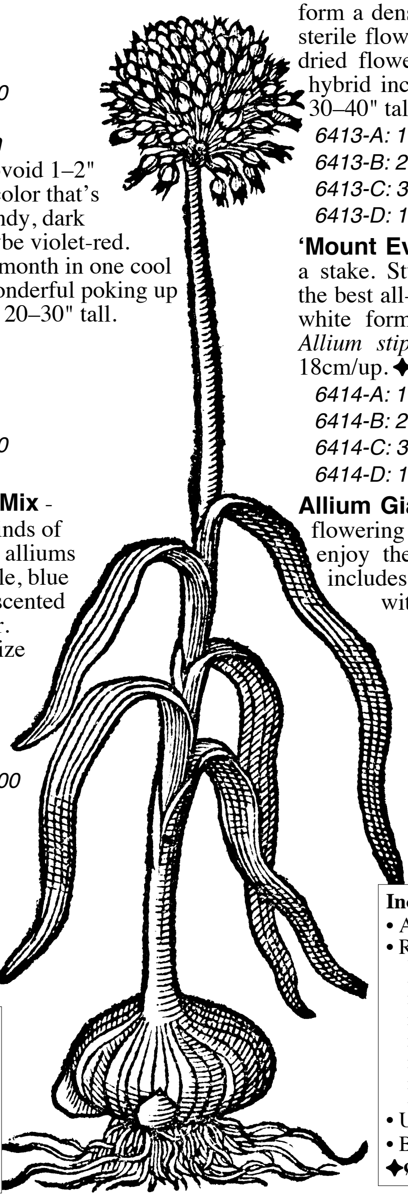
A. hollandicum **'Purple Sensation'** - Dense 3–4" ball of deep violet-purple florets on sturdy stems. Wonderful as a cutflower, or lined along a walkway, or grouped in a border. 24–36" tall. Z4-8. 12cm/up. ✦¢✦

6408-A: 10 for $8.00
6408-B: 20 for $12.75
6408-C: 50 for $29.00
6408-D: 200 for $99.00



A. siculum - **Sicilian Honey Garlic** - This rugged beauty bears up to 30 delicate pendent bell-shaped ½–1" flowers on 2" pedicels, forming 4–5" spreading umbels, at the top of slightly arching stems. The cream-colored florets are tinged purplish-rose. Sharply keeled 12–16" blue-grey twisting basal leaves smell like garlic only when crushed. Former botanical names include *Allium bulgaricum* and *Nectaroscordum siculum*. Native from Provence and Sicily, along the north shores of the Mediterranean, and up into Bulgaria, where it is used as a seasoning. Plant in sun to semi-shade. 24–36" tall. With protection, Z5-9. 8-10cm.

6409-A: 10 for $4.50
6409-B: 20 for $7.25
6409-C: 50 for $16.75
6409-D: 200 for $61.00



A. sphaerocephalon
Drumsticks - Dense ovoid 1–2" heads have a haunting color that's hard to describe: burgundy, dark reddish maroon, or maybe violet-red. Blooms lasted nearly a month in one cool moist Maine spring. Wonderful poking up through daylily foliage. 20–30" tall. E-MSu, Z4-8. 5cm/up.

6410-A: 10 for $2.50
6410-B: 20 for $4.25
6410-C: 50 for $9.75
6410-D: 200 for $31.00

Wild About Alliums Mix - A half dozen or more kinds of medium to medium-tall alliums in colors of violet, purple, blue and white; 2–4" sweet-scented umbels in early summer. 16–33" tall. Z4-8. Topsize bulbs.

6411-A: 10 for $9.75
6411-B: 20 for $15.60
6411-C: 50 for $35.75
6411-D: 200 for $128.00

Tall Alliums

A. giganteum - **Giant Onion** - Densely packed 5–6" head of violet-purple florets opens atop a 3½–4' sturdy flower stalk. The tallest allium, it needs shelter from strong winds. A spectacular cutflower; cut it short for a tabletop or long for a floor vase. 40–48" tall. E-MSu, Z4-9. 18-20cm.

6412-A: 1 for $7.50
6412-B: 2 for $12.00
6412-C: 3 for $16.50
6412-D: 12 for $58.00

'Globemaster' - Hundreds of deep lilac florets form a dense 6–8" ball. Magnificent long-lasting sterile flower attracts raves. Makes a remarkable dried flower for winter arrangements. Complex hybrid includes *A. cristophii* and *A. macleanii*. 30–40" tall. E-MSu, Z4-8. 20cm/up.

6413-A: 1 for $9.00
6413-B: 2 for $15.00
6413-C: 3 for $22.50
6413-D: 12 for $79.00

'Mount Everest' - Like a giant 6" snowball on a stake. Sturdy, vigorous, and long-lasting, it's the best all-white tall allium. Really shines. Pure white form of 'Mars', itself a selection from *Allium stipitatum*. 36–48" tall. E-MSu, Z4-8. 18cm/up. ✦¢✦

6414-A: 1 for $4.75
6414-B: 2 for $7.65
6414-C: 3 for $10.50
6414-D: 12 for $37.00

Allium Giants Mix - With up to five extra-tall flowering alliums in this mix, we hope you enjoy these giants of the allium world. Mix includes white, red-violet, purple, and purple with white highlights. Tight or semi-tight umbels. Green seed pods add vibrant contrast as the flowers mature. Grows 32–60" tall. E-MSu, Z4-9. 12-20cm.

6415-A: 3 for $10.00
6415-B: 6 for $16.00
6415-C: 12 for $28.75
6415-D: 24 for $55.00

Discounts on orders
received by
August 14, 2020:
take 5% off at $100,
10% off at $300,
15% off at $600,
20% off at $1200.

Included in each heading or description:

- Approximate height at flowering time
- Relative bloom time
  - VE: very early spring
  - ES: early spring
  - MS: mid-spring
  - LS: late spring
  - ESu: early summer
  - MSu: mid-summer
  - LSu: late summer
- USDA hardiness zones
- Bulb size

✦¢✦ indicates an exceptionally good deal!

View color photos online.

Bulb Collections

Each variety is individually packaged and labeled; all bulbs are topsize (except where noted). Planting suggestions accompany each. We reserve the right to substitute a similar variety should one become unavailable.

The Low Border - Brighten up your spring with this early border for 3–8 sq.ft. Crocus, dwarf iris, snowdrops, squill and more create early spring color to tuck into a corner, naturalize, or overplant into an existing bed. Ten each of: Jumbo Crocus landscape mix, Species Crocus mix, *Iris danfordiae*, *Iris reticulata* 'Dark Blue', *Chionodoxa forbesii, Eranthis cilicica, Galanthus nivalis, Puschkinia scilloides, Scilla siberica.* Most will slowly spread and fill in over time. 90 bulbs. 3–8" tall.

6271-A: 1 for $29.00
6271-B: 2 for $53.00

Heirloom Bulbs Collection Rack
A collection of 60 picture-sporting packages of heirloom flowerbulbs, especially suited for stores or fall fundraisers, using less than 3 sq. ft. of floor space. Some of these heirloom varieties have been in cultivation for more than 500 years, others "only" since the mid-1950s. Sturdy corrugated pedestal rack includes attractive signage and holds 2–4 packages per variety of bulbs in packages of 3 to 20 depending on the kind of bulb. Includes daffodils, alliums, tulips, crocus, muscari, hyacinths, fritillaries, squill, anemone, wood hyacinth and summer snowflake. Rack is 48" high, 19" wide, 17" deep. 60 packages, 22 varieties, 454 bulbs total. For more detailed info, please see fedcoseeds.com/bulbs.

6272-A: 1 for $198.00
6272-B: 2 for $378.00

Fedco's Organic Growers Supply ships year-round, offering work gloves, soil amendments and organic fertilizers, cover crops, season extenders, irrigation set-ups, harvest baskets, and other tools and supplies for garden, farm and orchard. **fedcoseeds.com/ogs/**

Supplies & Tools

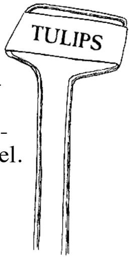
3G Greener Garlic Grower - (3-3.5-3.5, plus sulfur) Our compatriots at Fedco's Organic Growers Supply designed a special mix to meet the nutrient requirements of garlic. Contains alfalfa meal, bone char, feather meal, sulfate of potash, sulfur, zeolites, and neem cake. You can expect strong spring emergence, vigorous plants, bigger bulbs and richer flavor. On balanced soils, apply 100 lbs/1000 row ft banded in-row, or 1 Tbsp per clove. Permitted by MOFGA on certified-organic farms. **NEW!**

6273-A: 5# for $9.75 *6273-B: 10# for $18.00*
6273-C: 20# for $34.00

Bulb Fertilizer - (3-2-2.5) Our own blend of slow-release fertilizers plus trace minerals: non-GMO soybean meal, Calphos phosphate, organic alfalfa meal, sulfate of potash and kelp meal. No animal by-products. Use 1–2 tsp per bulb mixed into loosened soil below planting depth, or 5# per 40–50 sq. ft. as a topdressing after planting and again each spring. Permitted by MOFGA on certified-organic farms.

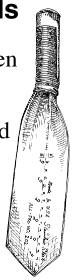
6274-A: 5# for $7.50 *6274-B: 10# for $14.00*
6274-C: 20# for $26.00

Plant Markers - Zinc-coated nameplates on galvanized steel wire provide long-term outdoor labeling. Cap-style marker is $10\frac{1}{2}$" tall with a $\frac{7}{8}$ x $2\frac{1}{4}$" nameplate, tilted slightly backward to provide easy viewing. Mark with included soft carbon pencil or with grease pencil for erasability, or with hard pencil or ballpoint pen for permanent engraved label.



6275-A: 10 for $10.50
6275-B: 25 for $18.00
6275-C: 50 for $35.00
6275-D: 100 for $63.00

Wilcox All-Pro Heavy-Duty Tools
These strong one-piece tools are nearly indestructible, and will not bend, even when digging in hard soil. Forged stainless steel V-shaped blade is 3" wide, has a sharp point for piercing sod or soil, and an etched depth guide. A comfortable non-slip easy-grip plastic handle, and a leather thong for wrist or hanging. Made in Iowa.

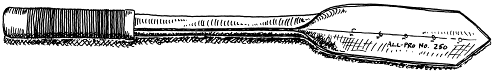


14" Digging Trowel - With its 9" long blade, this is our favorite on-your-knees garden tool and our best seller.

6276-A: 1 for $22.00 *6276-B: 2 for $39.00*

22" Long-handled Trowel - Same style blade as above, but the extra length between the 8" blade and the easy-to-hold handle gives you even more leverage digging in hard soil for naturalizing projects.

6277-A: 1 for $27.00 *6277-B: 2 for $48.00*



Planting Bulbs

All the varieties of outdoor bulbs we offer are suitable planted outdoors somewhere in Maine. With climate change, Clinton has been re-assigned from Zone 4 to Zone 5. Fifty miles to the west in the mountains is still Zone 3; and fifty miles east or south, along the coast, is now Zone 6 or higher. Local cold (or warm) pockets, northern slopes, hills and lakes can all affect your micro-climate, and may make the large-scale maps printed by the USDA inaccurate for your plot. Your cooperative extension service may have maps showing local zones. You can use rock walls and heavy mulch to shift conditions to your advantage.

Planning and Planting

Bulbs are easy to work with, very rewarding and forgiving. They look best planted in groups or clumps, naturalized in the sod, under trees, or in beds, borders or rock garden. Good drainage is essential; bulbs will grow poorly or rot if too wet.

Prepare beds by mixing a bulb fertilizer, bonemeal and wood ashes, or other phosphorus and potassium sources into the soil below the level of the bulbs. Mix in compost to lighten heavy soils and increase nutrients. Peat is acidic—use with caution. Although widely available, Holland Bulb Booster contains ingredients which are not approved for organic growers.

Plant bulbs pointed side up; generally the depth of the hole is three times the bulb's height. See the chart on this page showing suggested planting depth and spacing. Topdress the bed with compost.

Mulch your bulbs with 4–6" of leaves, bark, straw, etc. after the ground freezes. If you plant them next to your house, it's especially important to use the higher amount or more, as basement heat and reflected sunlight will likely remove the insulating snow cover, exposing them too early to alternating sunny days and freezing nights and damaging their growth tips.

Wherever they're planted, bulbs need insulation. You need to mulch (or plant extra-deep) unless winter will provide a consistent heavy snow cover. A good mulch can also give protection up to half a hardiness zone, enabling you to experiment with bulbs not quite hardy in your zone.

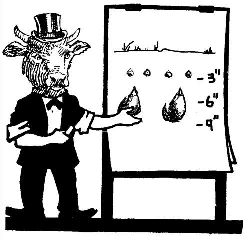
Do not remove the mulch too early in the spring. By keeping the soil from thawing, mulch prevents heaving and false starts in early warm spells, and delays flowering slightly for a more uniform and longer-lasting display. Remove mulch as the growth tips begin to peek through, and dress the bed with compost or bulb fertilizer.

Pinch the blooms as they fade to discourage seed production and force the energy back into the bulb. This is especially important for tulips and hyacinths, which can otherwise lose their flowering vigor in 2–3 years.

Do not cut the foliage as long as it remains green; it produces the food for the bulb's future blooms. Cut leaves only after they yellow. Sidedress with fertilizer or compost in late summer to midfall.

Bulb Planting Chart

Flower Genus	Distance Apart	Planting Depth
ALLIUM, large	6-14"	4-8"
ALLIUM, small	1-4"	3-4"
ANEMONE blanda ‡	3-4"	2-3"
CAMASSIA	6-10"	4-6"
CHIONODOXA	1-3"	3-4"
COLCHICUM *	6-9"	4"
CROCUS	1-4"	3-4"
ERANTHIS ‡*	2-4"	2-4"
FRITILLARIA, large *	8-10"	6-8"
FRITILLARIA, small	4-5"	3-4"
GALANTHUS *	2-4"	3-4"
HYACINTH *	3-4"	5-8"
HYACINTHOIDES *	3-4"	3-5"
IPHEION *	1-3"	2-3"
IRIS, dwarf	1-4"	3-4"
IRIS, dutch	3-4"	6-8"
LEUCOJUM *	2-3"	2-3"
LILIUM *	6-10"	6-8"
LYCORIS	6-8"	4-6"
MUSCARI	2-4"	3-4"
NARCISSUS, Tall	4-6"	6-10"
NARCISSUS, Short	3-4"	4-6"
PUSCHKINIA	2-4"	3-4"
SCILLA	2-4"	3-4"
TULIPA, garden *	4-6"	6-10"
TULIPA, species	2-3"	3-4"



*** See description for additional planting information.**

‡ Corms: soak 8–12 hours before planting.

Use deeper depths for colder areas and when planting in sandy soils.

Troubleshooting

If squirrels, chipmunks or voles are a problem, try chicken wire or sharp gravel placed in the ground above and surrounding the bulbs. Blood meal repels many critters, but it may also repel people and attract dogs, skunks or raccoons. Or plant Narcissus, Allium, Fritillaria or Ipheion, which critters don't generally bother.

To disrupt squirrels' ability to "smell out" the bulbs in new plantings, we routinely dust the ground in those areas with black pepper and ground cloves right after planting in the fall and again in the spring when growth first emerges. The odor in the yard, reminiscent of chai, is a nice touch for us.

If after several years your bulbs produce leaves but not flowers, they may be suffering from overcrowding (dig in autumn, separate and replant), insufficient sun (move to new location), under-nourishment (sidedress thoroughly) or marginal zone hardiness (give to a friend farther south).

2020 Ordering Information

Friday, August 14, is the final order date for **early shipment items** (pp 13-15) and is also the cutoff for **volume discounts.** Please mail your order in time for us to receive it by 8/14.

To encourage group and co-op orders, we offer the following **volume discounts** on orders **we receive** by the **Aug. 14** deadline:

5% on orders $100 and up
10% on orders $300 and up
15% on orders $600 and up
20% on orders $1200 and up

Discounts are calculated from the order Subtotal of all items (before adding shipping or tax).

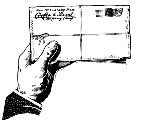
Orders received after Aug. 14 do not earn volume discounts and should expect some items to have sold out; check online for up-to-date info.

Friday, August 28, is the final order date.

We ship orders in the sequence we receive them. If you want bulbs early, please order early.

Web orders: Order at **fedcoseeds.com**.

Mail orders: Please use pen to help us process your order accurately. Send your order form, with payment to:



Fedco Bulbs
PO Box 520
Clinton, ME 04927.

Keep a copy. If you wish us to confirm receipt of your order, enclose a stamped self-addressed postcard. If you need another copy of the order form, download the pdf from our website, or phone us at (207) 426-9900.

We do not take phone or fax orders.

Payment: Visa, MasterCard, AmEx, Discover; by mail, also checks and money orders.

Sales Tax: Orders shipped to Maine addresses and all pickup customers pay 5.5% sales tax. We must collect local taxes in states that require us to do so (listed on the order form). Farms and retailers: send us a copy of your state resale certificate or farm exemption, otherwise we must charge tax.

Group orders: Only one shipping charge (if any), and the group's Subtotal determines the discount (if any). See our website for info on organizing an online group order.

By mail, collect and send to us at one time with one payment all the order forms from all your group members (keep copies for your use). Use a copy of the order form as a cover sheet to list each group member's order total and indicate the group address and payment.

We make shipments to one address with members' orders individually packed and labeled. Pickup orders must pick up all parts at one time.

big or little
Orders
ORDERS
ORDERS
ARE
ALWAYS WELCOME

Questions?
Problems?
Call us at 207-426-9900
or send an email to
questions@fedcoseeds.com

Shipping Information

Shipping to the continental US: we ship UPS Ground or USPS Priority Mail, our choice.

Minimum shipping charge: $7. Orders over $70 pay 10% of Adjusted Total. One shipping charge, no matter the number of shipments.

Orders going to **Alaska, Hawaii** and **APO/FPO** go Priority Mail; provide a **mailing** address and pay 20% of Adjusted Total ($14 minimum).

going to:	Adj. total:	shipping charge:
continental US	up to $70 over $70	$7 10% of Adjusted Total
AK, HI, APO/FPO	up to $70 over $70	$14 20% of Adjusted Total

Sorry, no shipments to Canada.

Early Shipping generally runs Sept. 3–11 (pp 13–15 only, item numbers begin with **E**; shipped early September even if you choose pickup).

Main Shipment begins around Sept. 24 and ends around Oct. 15. Please contact us if you've not received your main shipment by Oct. 27.

Late Shipping runs about Oct 23–30 (pp 6–7 only, item numbers begin with **Z**; shipped late October even if you choose pickup).

Pickup Information

Pick up your order of Main Shipment items on **Saturday, Oct. 17** from 9am–3pm, at our warehouse at 213 Hinckley Rd, Clinton, Maine. We'll send an email or postcard with your order number in late September. Pickups pay no shipping. **E** and **Z** items are shipped at their respective times and are not available at pickup.

In usual times, our **Fall Bulb and Plant Sale** would be this same day. Because of covid-19 uncertainties, we do not know if this event will happen. Check our website after 10/1/20 for info.

Substitutions

With live plant material, there are inevitably a few shortages. We find most people prefer getting bulbs to getting a refund. There are two checkboxes on the order form: one to accept or decline a variety substitute, and one to accept Eco-grown garlic in lieu of certified organic. If you don't check anything, we assume you mean Yes. When you indicate "Yes" to both, if a variety becomes unavailable, we will follow this protocol, *all subject to availability*:

- Substitute a flower of similar color, form and season.
- Send Eco-grown garlic of similar type.

For all substitutions, we will refund any price difference. See our guarantee on page 2.

Order form missing? Download another from fedcoseeds.com/bulbs/requests.htm

Fedco Bulbs 2020

PO Box 520 Clinton, ME 04927
www.fedcoseeds.com

Volume discount cutoff:
August 14, 2020
Early shipment (pp 13-15) deadline:
August 14, 2020
Final order deadline:
August 28, 2020

(From mailing label) CC-________________________

Farm or Group Name____

Name____

US Mail Delivery Address____

Town___________________________________ St______ Zip___________

UPS Delivery Address____

Town___________________________________ St______ Zip___________

Phone____

Email____

Delivery Options:
☐ **UPS/Priority Mail** (our choice)
☐ **Pickup** on Saturday, 10/17/20
(We need your address even if you are picking up your order)

Substitution Options (see p. 24):

Will you accept substitutions of...	Yes	No
Flowerbulb or garlic variety?	☐	☐
Eco-grown for Organic garlic?	☐	☐

(If you don’t check any boxes, we assume yes. See facing page.)

Volume Discounts: (*only orders received by* 8/14/20)

Subtotals over $100	take 5% off
over $300	take 10% off
over $600	take 15% off
over $1200	take 20% off

Ship To	Adjusted Total	
continental US	up to $70 over $70	**$7, minimum** 10% of **Adjusted Total**
AK, HI, APO/FPO	up to $70 over $70	$14 20% of **Adjusted Total**

Subtotal	=
Volume Discount	–
1% Fedco Member Discount from Subtotal (see website for info)	–
Adjusted Total	=
Shipping	+
Sales Tax	+
Grand Total	=

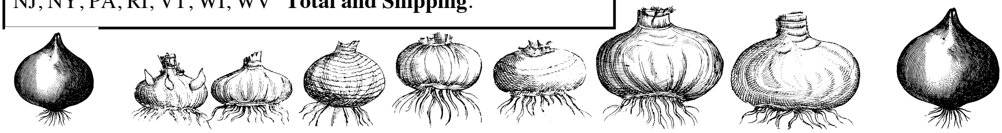
Sales Tax:

ME addresses and all pickups - Pay 5.5% sales tax on Adjusted Total.

MD, VA - Pay local tax rate on Adjusted Total.

IL, IN, KS, KY, MI, MN, NC NJ, NY, PA, RI, VT, WI, WV - Pay your local tax rate on **Adjusted Total and Shipping**.

Help Support MOFGA!
☐ Donate all my refund to MOFGA
☐ Donate up to $5.00
☐ Donate up to $2.00



We accept Visa, MasterCard, AmEx, Discover — $25 minimum, please. Exp. Date

Fedco Bulbs 2020

Use this form for all items (early, main, and late shipments). Keep a copy for your records.

	Item #	Number of packages	Number of bulbs	Description	Price per package	Total price
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						

Subtotal

8/14/20: deadline for discounts and for ordering early shipment items.
8/28/20: final order deadline.

Check for updates on sold-out varieties and additional listings, read additional information about flowerbulbs, or order online at **fedcoseeds.com/bulbs/**.

NARCISSUS OR DAFFODILS

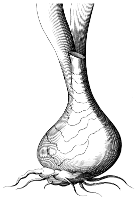
Narcissus

Daffodils are found around the foundations of abandoned homesteads because they return year after year as long as the soil is well drained and the foliage is not cut until it has completely died back. Deer and other critters will not eat them, as they are toxic. Cheerful, reliable and dependable for beds, borders, cutflowers, forcing, and naturalizing.

Narcissus thrive in full sun and in dappled shade. Pink, orange and red varieties hold their color longest during cool wet springs. In a dry season, water late varieties in mid spring to ensure bloom. But for a few noted exceptions, Narcissus are hardy in Zones 3-8.

Each description concludes with approximate height at flowering time, relative bloom time, and bulb size.
See page 29 for descriptions of Narcissus divisions.

All Narcissus are Topsize bulbs except as noted.



- Topsize bulbs are the largest size available on the regular bulb market each season for each variety.
- Landscape bulbs are smaller than topsize, but are not the smallest size available on the bulb market.
- Exhibition size are developed to produce spectacular displays for spring flower exhibitions.

Are they Daffodils, Jonquils, or Narcissi? Yes, to all of the above!

A friend said he'd been confused by the different terms he'd heard to describe these familiar flowers.

They are all in the genus *Narcissus*, so calling them that is perfectly fine, just as we say *Crocus* or *Phlox*.

Narcissus, Narcissuses and Narcissi are all acceptable as the plural, so use the one you like saying.

'Daffodil' was first used in Wales and England to refer to certain wild forms. It is now used to refer either specifically to the Division 1 Trumpets, or generally to mean any type of Narcissus.

'Jonquil' is also used to refer generally to any type of Narcissus, especially in the South where jonquils thrive. Horticulturists use it to refer to the wild *Narcissus jonquilla* and its progeny, the Division 7 cultivars.

So, really, all of these terms are fine.

Narcissus Mixes

Pink Mix - Field-grown mix of lovely shades and shapes of pink cups with white petals, to last all season. Mostly Large Cups, with some Doubles and Split-Cups. May include 'Salomé' whose large cup opens yellow and turns soft pink with a golden rim. 12–18" tall. MS. Landscape size. ✦¢✦

6501-A: 10 for $7.75
6501-B: 20 for $12.25
6501-C: 50 for $28.25
6501-D: 200 for $107.00

Sunshine Mix - From some bright and creative mind comes this mix with sunny two-toned cups. Predominantly Large Cups, a mix of all color combinations, enhanced by cheery cup rims in red, orange or pink. An outstanding show of mid-season blooms. 14–18" tall. MS. Landscape size.

6502-A: 10 for $6.75
6502-B: 20 for $10.75
6502-C: 50 for $24.75
6502-D: 200 for $86.00

Butterfly Mix - Shades of white, yellow, orange and gold, many with sunbursts of color radiating from bicolor coronas. Softly ruffled Papillon Split Coronas. 14–18" tall. MS-LS. Landscape size.

6503-A: 5 for $4.50
6503-B: 10 for $7.25
6503-C: 25 for $16.75
6503-D: 100 for $57.00

Mixed Doubles - A round-robin mix of six or more Double narcissus varieties to ace the display, in the garden or on the tabletop, with perfect through-the-season performance. 12–18" tall. MS-LS. Landscape size.

6504-A: 5 for $3.90
6504-B: 10 for $6.25
6504-C: 25 for $14.40
6504-D: 100 for $52.00

Fragrant Mix - A mix of sweetly scented hardy narcissus. Great for aromatic daffodil bouquets. Selected varieties, mostly Large Cup, Tazetta and Poeticus, to impart an inspiring fragrance to outdoor bowers and indoor vases. 14–18" tall. Bloom times will vary. MS-LS. Landscape size. ✦¢✦

6505-A: 10 for $6.50
6505-B: 20 for $10.50
6505-C: 50 for $24.25
6505-D: 200 for $85.00

Rockgarden Mix - Small varieties for borders and rockgardens provide a season-long banquet of blooms. Includes Jonquilla, Cyclamineus, Triandrus and more. 4–16" tall. ES-LS, Z4-9. Topsize by variety.

6506-A: 10 for $6.50
6506-B: 20 for $10.50
6506-C: 50 for $24.25
6506-D: 200 for $84.00

Landscape Mix - If you're looking for a large splash of springtime inspiration that will last year after year, dig into our Landscape Mix, for naturalizing and borders. Mostly Trumpets and Large Cups, with hardy varieties from other classes. 12–18" tall. ES-MS. Landscape size.

6507-A: 10 for $6.80
6507-B: 20 for $10.90
6507-C: 50 for $25.25
6507-D: 250 for $111.00

— Short Narcissus —

'Hawera' - Pale lemon-yellow miniature has 5–8 flowers per stem, cup slightly paler than perianth. Dainty pendent flowers have an airy delicate appearance that evokes graceful dancing fairies or butterflies. Sweetly scented, one of the smallest and most versatile narcissus. During one cool rainy year, in a dappled shade spot, they opened a very late June 20. ADS miniature is named for the New Zealand town where the breeder was a doctor. 6–8" tall. LS. 5Y-Y.

6508-A: 5 for $4.50 *6508-B: 10 for $7.25*
6508-C: 25 for $16.75 *6508-D: 100 for $58.00*

'February Gold' - Rich golden-yellow reflexed petals surround a deeper yellow long cylindrical ribbed cup with a notched and frilled rim. This award-winning heirloom from before 1923 is often the very first narcissus to bloom, in the garden or the sod, but not in February here in Maine. At its best in cool weather, it also tolerates shade. 8–12" tall. ES. 6Y-Y.

6509-A: 5 for $4.40 *6509-B: 10 for $7.00*
6509-C: 25 for $16.20 *6509-D: 100 for $57.00*

'Jetfire' - Long bright-orange ribbed cup, and reflexed golden-yellow moderately starry petals. Lightly scented, good for forcing, tolerates shade and makes a nice counterpoint to the large Trumpets blooming at the same time. Susan's first-year planting was vigorous and floriferous, and Joanna's decades-old clump explodes with hundreds of flowers. This fire really lights up the garden, and should burn a place in yours. 6–10" tall. ES. 6Y-O.

6510-A: 5 for $3.90 *6510-B: 10 for $6.25*
6510-C: 25 for $14.40 *6510-D: 100 for $52.00*

'Sun Disc' - Award-winning fragrant miniature has 1–3 flowers per stem. Rounded overlapping petals open just slightly paler yellow than the cup, and slowly mature to a Jersey cream. Wide disc-shaped buttercup-yellow cup is lightly ribbed, lightly frilled. At 6–8" tall, just right for pots or the front of the border. MS-LS. 7Y-Y.

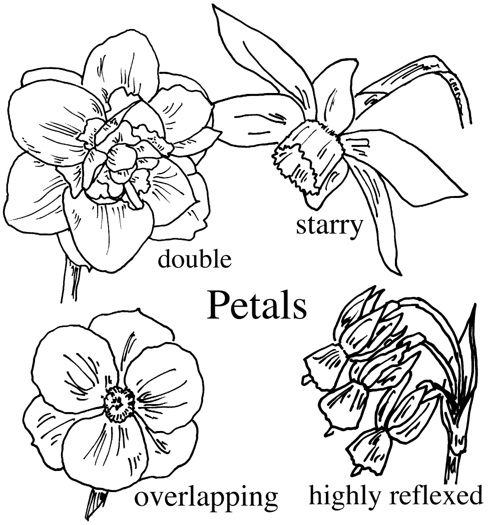
6511-A: 5 for $3.90 *6511-B: 10 for $6.25*
6511-C: 25 for $14.40 *6511-D: 100 for $51.00*

'Minnow' - Small flowers with buttercup-yellow cups; spreading petals are white to pale yellow, depending on weather and season. Usually 3–10 flowers per stem, but can be up to 20. This diminutive Tazetta has a light sweet fragrance, nowhere near as strong as its cousins grown indoors, the paperwhites. Tolerates shade. ADS miniature. 6–8" tall. ES-MS, Z5-9. 8W-Y. ✦¢✦

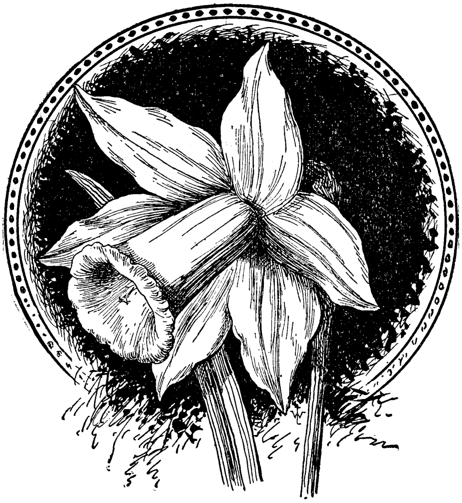
6512-A: 5 for $2.90 *6512-B: 10 for $4.70*
6512-C: 25 for $10.80 *6512-D: 100 for $34.00*

'Tête-à-Tête' - Bright yellow petals, slightly reflexed, with a deeper golden-yellow cup. Generally 2–3 flowers per stem. Very popular, vigorous, and easy to grow; good for forcing and naturalizing. The name is said to be a pun; a breeder named Tait provided the plants from which this was bred. ADS miniature registered in 1949. 5–8" tall. ES-MS. 12Y-Y.

6513-A: 5 for $4.00 *6513-B: 10 for $6.40*
6513-C: 25 for $14.75 *6513-D: 100 for $52.00*



Narcissus descriptions conclude with approximate height at flowering time, relative bloom time, (USDA hardiness zones if other than Z3-8) then the official ADS code: division number followed by Petal color–Cup color. (**W**hite, **Y**ellow, **P**ink, **O**range, **R**ed, **G**reen. More than one letter for cup color describes color from base to rim.) ✦¢✦ indicates an exceptionally good deal.



— Trumpet Narcissus —

‘Dutch Master’ - The Trumpet Master has large yellow petals and a straight trumpet with a flared and notched rim. ‘King Alfred’, introduced in 1899, has the name, but this 1938 intro is just as prolific and slightly taller, with a longer bloom time, and more flowers per bulb. Blooms for nearly three weeks in a cool wet spring. 18–20" tall. ES-MS. 1Y-Y.

‘Dutch Master’ - Exhibition size 18cm/up giant bulbs grown in the U.S. Sometimes bigger really is better.

6514-A: 5 for $9.75 *6514-B: 10 for $15.60*
6514-C: 25 for $35.75 *6514-D: 100 for $130.00*

‘Dutch Master’ - Topsize bulbs, 16cm/up.

6515-A: 5 for $4.80 *6515-B: 10 for $7.70*
6515-C: 25 for $17.75 *6515-D: 100 for $61.00*

‘Dutch Master’ - Landscape size, 14-16cm. ✦¢✦

6516-A: 10 for $6.80 *6516-B: 20 for $10.90*
6516-C: 50 for $25.25 *6516-D: 250 for $111.00*

‘Holland Sensation’ - Pure white petals with a giant golden-yellow flaring trumpet. Strong upward-facing blooms really stand out after most other Trumpet narcissus have faded. 18–24" tall. MS-LS. 1W-Y.

6517-A: 5 for $6.70 *6517-B: 10 for $10.75*
6517-C: 25 for $24.70 *6517-D: 100 for $94.00*

‘Mt. Hood’ - Opens marble white to slightly pale yellow, and turns to pure white in a day or two. Broadly overlapping petals and a wide-mouthed wavy-edged trumpet. From 1938, this classic Trumpet is one of the finest white daffodils. 15–17" tall. MS, Z3-6. 1W-W.

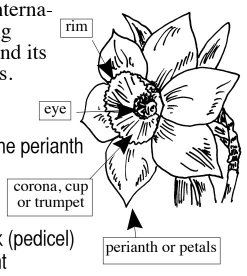
6518-A: 5 for $6.50 *6518-B: 10 for $10.60*
6518-C: 25 for $24.25 *6518-D: 100 for $91.00*

more
Tall Narcissus,
next page

Discounts on orders
received by
August 14, 2020:
take 5% off at $100,
10% off at $300,
15% off at $600,
20% off at $1200.

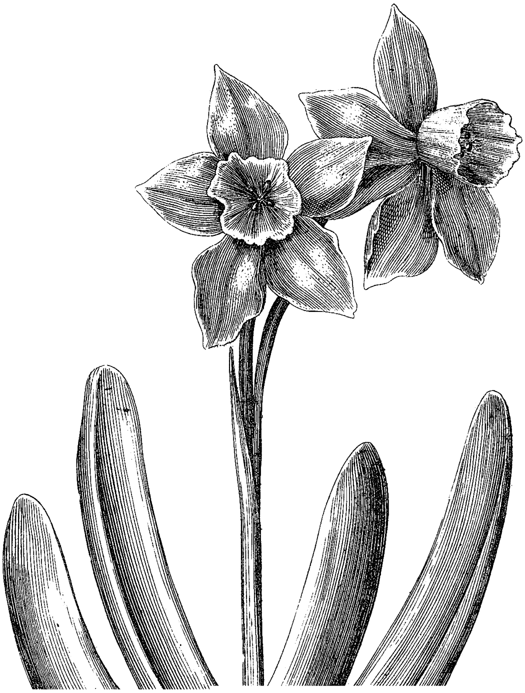
Divisions of Narcissus or Daffodils

All daffodils are classified into one of 13 divisions by the Royal Horticultural Society, international authority for *Narcissus*. The first 12 are all cultivars, the last is botanicals. Defining features include the number of flowers per stem; the size and shape of the flower’s cup and its surrounding petals and the ratio between them; or evidence of traits from a parent species.



division	name	flowers per stem	defining characteristics of flowers
1	Trumpet	1	corona (trumpet) as long as, or longer than, the perianth
2	Large Cup	1	corona (cup) more than 1/3 but less than the full length of the perianth
3	Small Cup	1	corona (cup) less than 1/3 the length of the perianth
4	Double	1+	doubling of perianth or corona or both
5	Triandrus*	~2+	pendent flowers with reflexed (back-swept) perianth
6	Cyclamineus*	1	highly reflexed perianth, usually a long cup, on a short neck (pedicel)
7	Jonquilla*	1-5	perianth spreading or reflexed, cup wider than long, fragrant
8	Tazetta*	~3-20	perianth segments spreading, not reflexed, small cup, fragrant
9	Poeticus*	1	white perianth, very small cup with a red rim and green or yellow eye; fragrant
10	Bulbocodium*	1	small insignificant petals, teacup corona
11	Split Cup	~1	includes Collar & Papillon (French for ‘butterfly’); corona split more than half its length
12	Other	na	do not fit the definition of any other division, forms vary widely
13	Species	na	distinguished by botanical name; wild species and variants (not offered by us)

*Cultivars in these divisions show characteristics from that species, e.g. *Narcissus triandrus, N. poeticus*.



— Large-Cup Narcissus —

'Carlton' - Yellow petals back a deeper golden-yellow cup nearly long enough to be a trumpet. Said to be the world's most planted narcissus. Multiplies rapidly, and has a light vanilla fragrance. 18–20" tall. ES-MS. 2Y-Y.

6519-A: 5 for $4.40 *6519-B: 10 for $7.00*
6519-C: 25 for $16.00 *6519-D: 100 for $59.00*

'Cool Flame' - Ruffled and flaring, the sun-fast coral-pink wide cup sets off sharply against brilliant cool-white petals. Long flower stalks hold the flowers well above the foliage. Reliable, long-lived perennial, and fabulous for the vase. 16–18" tall. MS. 2W-P.

6520-A: 5 for $4.90 *6520-B: 10 for $7.90*
6520-C: 25 for $18.25 *6520-D: 100 for $65.00*

'Fortissimo' - Huge impressive golden-yellow overlapping petals with a giant-sized lightly frilled cup which opens apricot and turns deep burnished orange. Enormous flowers are vigorous in full sun, providing armloads for your vase and wows from your friends. 18–20" tall. ES-MS. 2Y-O.

6521-A: 5 for $7.00 *6521-B: 10 for $11.25*
6521-C: 25 for $26.00 *6521-D: 100 for $95.00*

Narcissus descriptions conclude with approximate height at flowering time, relative bloom time (ES, early spring; MS, mid-spring; LS, late spring), the official ADS code: division number followed by Petal color–Cup color. (**W**hite, **Y**ellow, **P**ink, **O**range, **R**ed, **G**reen. More than one letter for cup color describes color from base to rim.) ✦¢✦ indicates an exceptionally good deal.

'Ice Follies' - Heavily ribbed very wide flattened cup opens yellow, soon becomes creamy white, with a frilled and notched rim. Pure white perianth. The second-most popular narcissus worldwide. Good for forcing and naturalizing. 16–18" tall. ES-MS. 2W-W.

'Ice Follies' - Topsize bulbs, 16cm/up.

6522-A: 5 for $5.25
6522-B: 10 for $8.35
6522-C: 25 for $19.25
6522-D: 100 for $72.00

'Ice Follies' - Landscape size, 14-16cm.

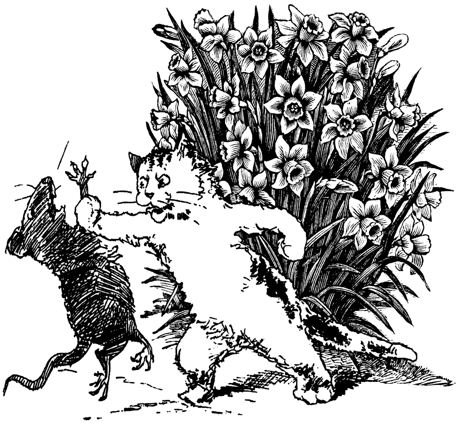
6523-A: 10 for $7.50
6523-B: 20 for $12.00
6523-C: 50 for $27.50
6523-D: 200 for $95.00

'Pink Charm' - Ivory petals and a creamy white cup with a broad rim of deep coral-pink. Fluted cup has a ruffled rim to add to the charm. Some stems may have two flowers, unlike most members of this class. ADS Wister award in 2017. 16–18" tall. MS. 2W-WWP.

6524-A: 5 for $4.20 *6524-B: 10 for $6.75*
6524-C: 25 for $15.50 *6524-D: 100 for $58.00*

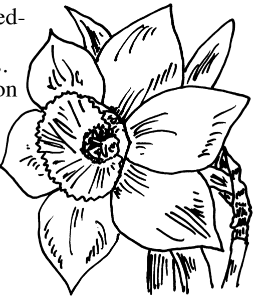
'Professor Einstein' - Scarlet-orange cup is a broad, open disk with fine ridges and a lightly notched rim. Rounded overlapping brilliant white petals. Plant in partial shade for best color. Registered in 1946, the Professor won multiple awards in the 1950s. 12–18" tall. MS. 2W-R.

6525-A: 5 for $4.70 *6525-B: 10 for $7.50*
6525-C: 25 for $17.25 *6525-D: 100 for $61.00*



Michael Phillips recommends using daffodils in the orchard to deter mice and voles from girdling trees. Plant bulb-to-bulb in a tight circle about a foot away from tree trunks. For established trees, you may need to plant further from the trunk to work around the roots and get to proper planting depth.

— Small-Cup Narcissus —



‘Altruist’ - Eye-catching red-orange shallow cup and unusual amber-tinted petals. Appealing color combination opens dark and gradually lightens. 1975 Award of Merit winner. 12–18" tall. MS-LS. 3O-R. ✦¢✦

6526-A: 5 for $6.15
6526-B: 10 for $9.80
6526-C: 25 for $22.75
6526-D: 100 for $84.00

‘Princess Zaide’ - Elegant specimen displays broad white overlapping petals and a small white cup. Shallow, strongly ribbed cup has a wide frilly rim and a green gleam in its eye. 16–20" tall. MS-LS. 3W-GWW.

6527-A: 5 for $7.00 *6527-B: 10 for $11.25*
6527-C: 25 for $26.00 *6527-D: 100 for $95.00*

— Double Narcissus —

‘Obdam’ - One of the finest of the doubles and my partner Diana’s favorite, named for a town in the province of Noord-Holland. Fragrant, showy 3–4" flower opens creamy with yellow highlights, maturing to pure white. Growing this sport of Ice Follies is like having gardenia blooms in Maine in early May. 16–18" tall. MS-LS. 4W-W.

6528-A: 5 for $4.50
6528-B: 10 for $7.25
6528-C: 25 for $16.65
6528-D: 100 for $59.00

‘Replete’ - Bright white 4" perianth with full frilly deep apricot-peach center interlaced with slender white “flyer” petals. This American-bred variety released in 1975 is outstanding. 15–18" tall, MS. 4W-P. **BACK!** ✦¢✦

6529-A: 5 for $4.70 *6529-B: 10 for $7.50*
6529-C: 25 for $17.25 *6529-D: 100 for $61.00*

‘Sir Winston Churchill’ - Double flowers 3" across are full of creamy white petals interspersed with orange flecks. Fragrant blossoms come 3–5 per stem. A sport of Geranium and a sturdy robust blast-resistant grower. Long-lasting in garden or vase. 14–16" tall. MS. 4W-O. ✦¢✦

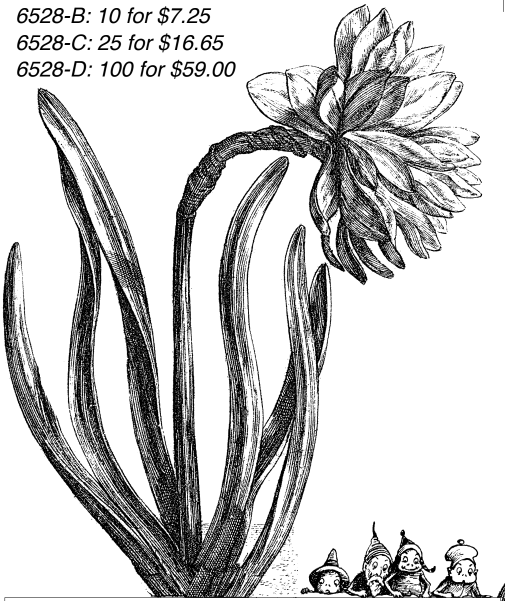
6530-A: 5 for $4.70 *6530-B: 10 for $7.50*
6530-C: 25 for $17.25 *6530-D: 100 for $61.00*

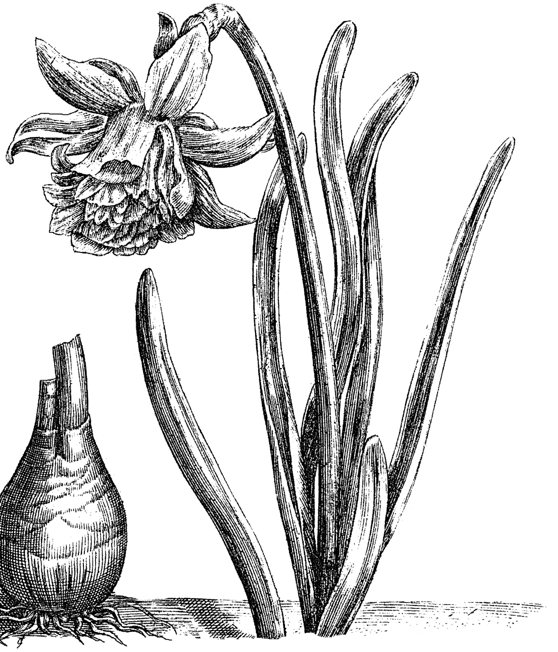
‘Tahiti’ - Rich golden-yellow doubled perianth layered with lush bright gold and red-orange segments. Large long-lasting blooms with standout color and fragrance come as close to tropical exuberance as you’ll find in a New England spring. Bred in Ireland in 1956, Tahiti is a classic worldwide. 14–18" tall. MS-LS. 4Y-O.

6531-A: 5 for $4.70 *6531-B: 10 for $7.50*
6531-C: 25 for $17.25 *6531-D: 100 for $61.00*

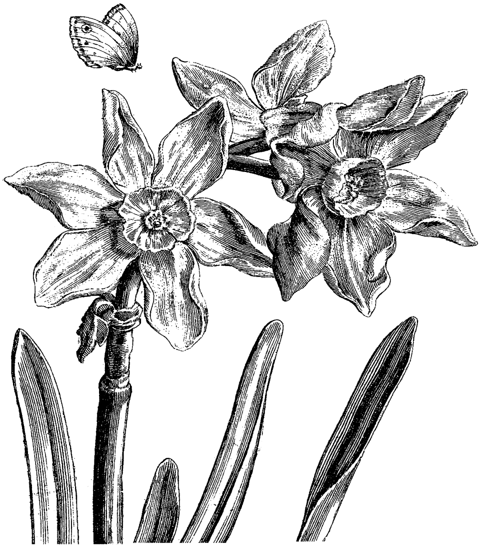
‘Yellow Cheerfulness’ - Double flowers, 2½" across, 2–4 per stem, offer their sublime scent. Soft yellow rounded overlapping petals, with a loose ball of corona petals, slightly tucking inward, with subtle flecks of soft orange. This sport of Cheerfulness won its first of many awards in 1937. 14–18" tall. LS. 4Y-Y.

6532-A: 5 for $4.25 *6532-B: 10 for $6.75*
6532-C: 25 for $15.65 *6532-D: 100 for $58.00*





Daffodils make great cutflowers, and last a long time in the vase. But the freshly cut stems exude a sap that clogs the pores of other types of flowers. If you want a mixed arrangement, place the freshly cut daffodil stems in a container of cool water to soak for 10–12 hours before mixing them with others.



— Specialty Narcissus —

'Thalia' - Lightly fragrant flowers are milky white throughout; one of the few white narcissus to open with no yellow tones. Delicate narrow slightly reflexed petals and a lightly ribbed cup with a wavy rim. 2–3 flowers per stem (occasionally 4–5), and slender foliage. Nicknamed "the Orchid Narcissus," this award-winner is more outward-facing than other Triandrus. Registered in Holland before 1916 and named for the Greek muse of idyllic poetry, Thalia is a long-lived favorite of many gardeners. Excellent for forcing. 12–16" tall. MS-LS. 5W-W. ✦¢✦

6533-A: 5 for $4.10 *6533-B: 10 for $6.60*
6533-C: 25 for $15.20 *6533-D: 100 for $55.00*

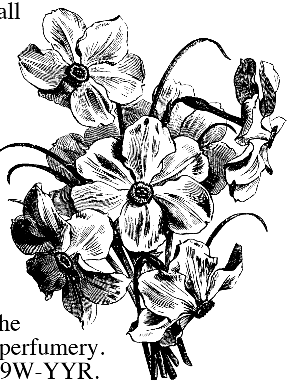
'Geranium' - Bright white overlapping petals with a smallish shallow vivid red-orange cup. Bred in 1930, this hardy outdoor Tazetta forms heavy clusters of 3–6 outward-facing flowers. Prolific grower with sweet fragrance, excellent in garden or vase. 12–16" tall. MS-LS, Z3-9. 8W-O.

6534-A: 5 for $4.25 *6534-B: 10 for $6.75*
6534-C: 25 for $15.65 *6534-D: 100 for $58.00*

'Martinette' - Bright carrot-orange short cup, ribbed with a wavy rim, completely surrounded by golden yellow overlapping petals stained pale orange at the base. This hardy outdoor Tazetta usually sends up multiple stems per bulb, with 4–5 highly fragrant blossoms per stem. 12–16" tall. ES-MS. 8Y-O.

6535-A: 5 for $4.00 *6535-B: 10 for $6.40*
6535-C: 25 for $14.75 *6535-D: 100 for $54.00*

Narcissus descriptions conclude with approximate height at flowering time, relative bloom time, (USDA hardiness zones if other than Z3-8) then the official ADS code: division number followed by Petal color–Cup color. (**W**hite, **Y**ellow, **P**ink, **O**range, **R**ed, **G**reen. More than one letter for cup color describes color from base to rim.) ✦¢✦ indicates an exceptionally good deal.



'Actaea' - Vigorous heirloom Poeticus variety from before 1919. Rounded glistening white petals surround a small shallow red-rimmed yellow cup. Large flowers with sweet fragrance. Performs much better in cool climates than warm and tolerates damp places other narcissus can't. Parent species *N. poeticus* was described by Virgil, and is the source of the narcissus oil used in perfumery. 16–18" tall. MS-LS. 9W-YYR.

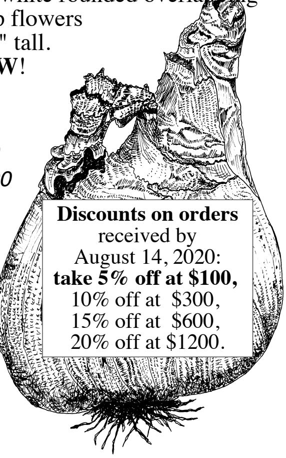
6536-A: 5 for $6.75 *6536-B: 10 for $10.75*
6536-C: 25 for $24.75 *6536-D: 100 for $92.00*

'Congress' - A broad orange flattened split cup fronts overlapping rounded bright yellow petals with a hint of green in them. This outstanding Split Cup variety opens with a yellow-gold center and becomes more orange with time, making for an enticing contrast. 14–16" tall. MS. 11Y-O.

6537-A: 5 for $6.90 *6537-B: 10 for $11.00*
6537-C: 25 for $25.30 *6537-D: 100 for $93.00*

'Sorbet' - Wide open creamy yellow split cup is marked by a striking orange radiating star and white margins. Bright white rounded overlapping petals. Large Split Cup flowers up to 4" across. 14–16" tall. MS. 11W-Y/OW. **NEW**!

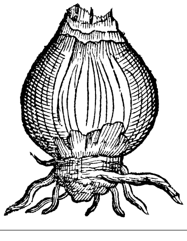
6538-A: 5 for $6.90
6538-B: 10 for $11.00
6538-C: 25 for $25.30
6538-D: 100 for $93.00



Discounts on orders received by August 14, 2020: **take 5% off at $100,** 10% off at $300, 15% off at $600, 20% off at $1200.

Bulb Genera Unattractive to Critters

Allium
Camassia
Chionodoxa
Eranthis
Erythronium
Fritillaria
Galanthus
Hyacinthoides

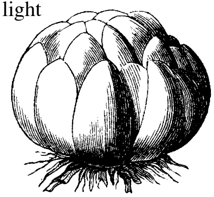


Hyacinthus
Ipheion
Leucojum
Muscari
Narcissus
Puschkinia
Scilla

Lilies - *Lilium*

Queens of the Perennial Border, excellent as bedding plants or cutflowers, lilies are wonderful either as individual specimens or in solid masses. These, the true lilies, bear their large six-pointed flowers on erect unbranched stems. They do well in light shade, which will prolong summer blooms, or in full sun if mulched to keep the bulbs cool.

Since lily bulbs are not completely dormant when shipped, do not let them dry out before planting. Plant bulbs 6–8" deep, 6" apart in rich, well-drained slightly acid soil with good humus content.



Asiatic Hybrids

Medium-sized upright or outward-facing flowers, mostly unscented. Plants 2–5' tall, with small narrow leaves. Derived from central and East Asian species including *L. amabile, L. pumilum* and more. Not fussy, will thrive in nearly any type of well-drained soil. The bulbs can multiply quickly. MSu, Z3-8. 14-16cm.

'Mapira' - Reddish-maroon petals show a bit more red towards the tips, especially in the sun, while at the centers, especially in the shade, the color seems almost black. 30–36" tall.

6551-A: 1 for $3.75 *6551-B: 3 for $9.25*
6551-C: 6 for $16.65 *6551-D: 12 for $28.00*

'Patricia's Pride' - Broad red-maroon eyezone on creamy white petals. Maroon spots scattered around the white throat and almost to the pale green center. Outer petals recurve a bit more than the inner petals. Outstanding contrast. 30–36" tall.

6552-A: 1 for $4.70 *6552-B: 3 for $11.25*
6552-C: 6 for $20.25 *6552-D: 12 for $36.00*

'Pieton' - Cheery golden yellow petals with reddish maroon brushes and blotches in the middle of each petal and maroon spots in the throat. Mildly recurving petals. Brilliant yellow stamens with maroon anthers. Once established, grows tall for an Asiatic, 36–48". **NEW!**

6553-A: 1 for $3.90 *6553-B: 3 for $9.50*
6553-C: 6 for $17.00 *6553-D: 12 for $29.00*

'Rosella's Dream' - Soft white to cream petals sprinkled with freckles have blushing to bright rose-pink tips and edges. Moderately recurved petals on upward-facing flowers with dark anthers. Once established, grows tall for an Asiatic, 36–48".

6554-A: 1 for $3.75 *6554-B: 3 for $9.25*
6554-C: 6 for $16.65 *6554-D: 12 for $28.00*

Asiatic Lily Mix - A passelful of colors to delight and brighten up the early to midsummer garden. Mix of yellows, reds, burnished oranges, whites and pinks. Solids or contrasting blushed petals and slightly recurving tips. As with most Asiatics, relatively upward-facing flowers and smooth or lightly ribbed texture. 30–39" tall.

6555-A: 6 for $11.00 *6555-B: 12 for $19.50*
6555-C: 24 for $35.00 *6555-D: 48 for $65.00*

Oriental Hybrids

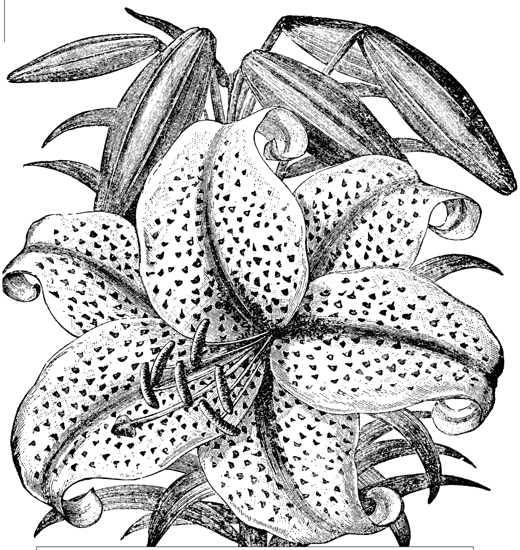
Outward-facing bowl-shaped or flattish flowers tend to be larger than Asiatics, and highly fragrant. Tall plants have somewhat heart-shaped leaves. Derived from East Asian species including *L. auratum, L. japonicum* and more. Bulbs multiply slowly. M-LSu, Z3-8. 16-18cm.

'Casa Blanca' - Pure white petals with textured white specks and bobbing russet anthers. Petals broad in the center and recurved at the pointed tip. Their alluring fragrance fills the garden. 36–48" tall.

6556-A: 1 for $4.35 *6556-B: 3 for $10.50*
6556-C: 6 for $18.90 *6556-D: 12 for $35.00*

'Stargazer' - Large 6–7" fragrant star-shaped flowers have deep rose-red slightly recurved petals with a narrow white edge band and a profusion of darker red spots. A familiar and choice specimen at late summer farmers' markets in Maine. 36–48" tall.

6557-A: 1 for $4.35 *6557-B: 3 for $10.50*
6557-C: 6 for $18.90 *6557-D: 12 for $35.00*



To avoid pollen stains on tables or tablecloths, remove the pollen-bearing anthers of lilies, amaryllis and other flowers indoors.

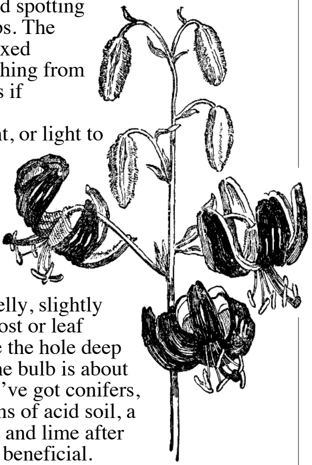
Oriental Lily Mix - The five or more varieties in this mix of Oriental hybrids will draw a crowd to your garden in August. Delight your guests with all-pinks, all-whites, bicolors with lighter borders, even some with spots! Great as cutflowers, or let them stand in display beds. 34–38" tall.

6558-A: 3 for $11.25 *6558-B: 6 for $18.00*
6558-C: 12 for $32.50 *6558-D: 24 for $58.00*

more Lilies, next page

Martagon Lilies - *Lilium* x *martagon*

The species is *the* Turk's Cap Lily—martagon comes from a Turkish word meaning 'turban.' The Martagon hybrids, also called **Dragon Lilies**, feature recurved petals, often with marked spotting from the throat to the tips. The pendent flowers, on relaxed S-shaped pedicels branching from the central stalk, hang as if suspended in the air.

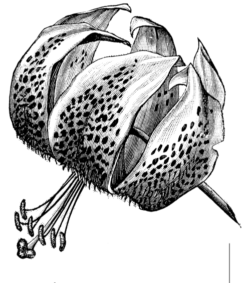


Loves filtered sunlight, or light to dappled shade, and brings welcome color to shady spots. Tolerates full sun only a few hours a day.

Plant martagons 12–18" apart in well-drained, even gravelly, slightly alkaline soil. Add compost or leaf mold, but no peat. Make the hole deep enough that the top of the bulb is about 4" below the soil. If you've got conifers, blueberries, or other signs of acid soil, a sidedressing of compost and lime after planting and each fall is beneficial.

Martagons don't like to be disturbed, and may appear to perform poorly or not at all the first season after transplanting, only to be fine in year two. After planting, mark the spot, mulch, then do not disturb. Refrain from poking around to check growth during year one, lest you set it back again. Established plants may put out up to 50 flowers. 30–32" tall the first few years, up to 48" in when established. E-MSu, Z4-9, 14-16cm.

'Claude Shride' - These 2½–3" reddish-maroon pendent flowers bear striking golden-orange anthers on rose filaments that extend well beyond the flower's face. Only slightly spotted. Petals recurve with an arch although not back into a tight pincushion shape.



6559-A: 1 for $6.90
6559-B: 3 for $18.75
6559-C: 6 for $31.00
6559-D: 12 for $57.00

'Sunny Morning' - Burgundy to maroon freckles on a banana-yellow ground, these pendent 3" flowers have mildly recurved petals. Pale yellow on petal backs. No two flowers quite the same. Bring a stem into the breakfast nook to brighten up your morning.

6560-A: 1 for $6.90 *6560-B: 3 for $18.75*
6560-C: 6 for $31.00 *6560-D: 12 for $57.00*

Lily Leaf Beetle

Also known as Scarlet Lily Beetle, *Lilioceris lilii*, this pest eats only Liliaceae. Infestations have increased in Maine in the past few years. We've heard of several techniques that may be worth your time, including daily vigilance in crushing or soaping grey larvae and removing red adults. Visit our website for details.

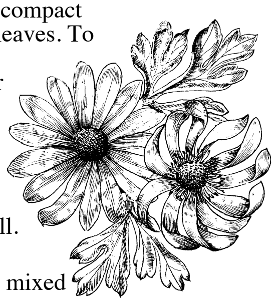
fedcoseeds.com/bulbs/lily/htm

Miscellaneous Bulbs

is the name the Royal General Bulbgrowers Association in Holland (KAVB) gives to this large group of flowers. The expensive catalogs call them specialty or accent bulbs; some call them minor or dwarf bulbs (even though some of the fritillaries are huge!); Louise Beebe Wilder covered most in her 1936 classic *Adventures with Hardy Bulbs*. Whatever you call them, most are sweet, colorful, and completely welcome in spring.

Grecian Windflower - *Anemone blanda*

Enchanting short daisy-like flowers with 10–15 petals surrounding bright yellow centers. Does well as a ground cover in light shade and under deciduous trees. Forms compact clusters, with fern-like leaves. To break dormancy, soak corms in tepid water for 8–12 hours before planting 2–3" deep. Wild in southeastern Europe and Turkey, in scrub meadows and rocky crevices. 3–6" tall. ES-MS, Z5-9. 5cm/up.



'Blue Shades' - Rich mixed shades of blue and violet.

6601-A: 10 for $4.00 *6601-B: 20 for $6.40*
6601-C: 50 for $14.75 *6601-D: 200 for $53.00*

***Anemone blanda* Mix** - Lovely flowers in a mix of shades of blue, pink and white. ✦¢✦

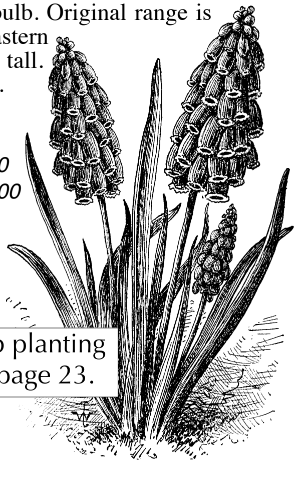
6602-A: 10 for $3.15 *6602-B: 20 for $5.00*
6602-C: 50 for $11.60 *6602-D: 200 for $40.00*

Bellevalia paradoxa - **Giant Grape Hyacinth**

Dense spikes of bright navy blue buds, similar to grape hyacinths but larger. Flowers open deep purple, growing a narrow yellowish rim as the flower matures. Strap-shaped grey-green 8–18" leaves. Attractive to bees but not to deer. Excellent fragrant little cutflowers. Differs from Muscari in that the florets are slightly bell-shaped, not rounded. Needs well-drained soil, sun to light shade. Allow the leaves to die back naturally to feed the bulb. Original range is the Caucasus from eastern Turkey to Iran. 8–12" tall. MS-LS, Z5-8. 6cm/up.

6603-A: 10 for $5.50
6603-B: 20 for $8.85
6603-C: 50 for $20.40
6603-D: 200 for $72.00

(see *Muscari* Grape Hyacinths, p. 38)

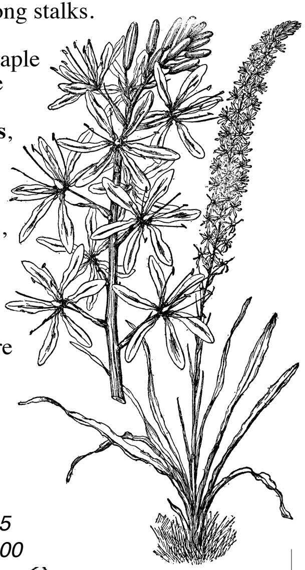


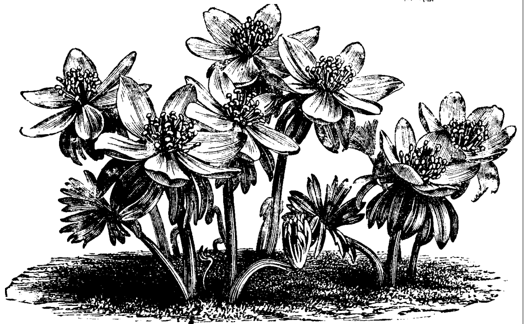
For complete bulb planting instructions, see page 23.

Camassia quamash **- Indian Hyacinth**

Spikes of slender-petaled starry blossoms do well around ponds, in moist areas of light woods and the garden. Silvery medium-blue 6-petaled cup-shaped flowers on strong stalks. This North American native was a dietary staple of the Nez Perce, Cree and Blackfoot tribes. Another name, **Camas**, and the Latin come from the Nez Perce word for 'sweet.' Formerly *C. esculenta*, it's listed on Slow Foods' Ark of Taste. Likes sun to partial shade. Blooms after most spring flowers are gone but before early summer flowers peak. 12–16" tall. LS-ESu, Z3-8. 6cm/up. ✦¢✦

6604-A: 10 for $2.95
6604-B: 20 for $4.80
6604-C: 50 for $10.95
6604-D: 200 for $39.00





Eranthis cilicica **- Winter Aconite**

Bright buttercup-yellow flowers each with a frilly green collar which opens bronzy. Very similar to *E. hyemalis* but slightly earlier, leaves less deeply dissected. Good naturalized under deciduous trees and shrubs, can spread by seed. Prefers slightly alkaline, humusy moist soil in sun or dappled shade. Tolerant of frosts and late snows. Soak corms 8–12 hours before planting. 2–4" tall. VE, Z5-7. 4cm/up.

6610-A: 10 for $6.25 *6610-B: 20 for $10.00*
6610-C: 50 for $23.00 *6610-D: 200 for $88.00*

Included in each heading or description:

- Approximate height at flowering time
- Relative bloom time
  - VE: very early spring
  - ES: early spring
  - MS: mid-spring
  - LS: late spring
- USDA hardiness zones
- Bulb size

✦¢✦ indicates an exceptionally good deal!

Glory-of-the-Snow - *Chionodoxa*

Starlike flowers with white centers, 3–10 per raceme. Does well in shade, woodland gardens and short grass as well as full sun; can eventually form vast colonies. From the Greek *chion* 'snow' and *doxa* 'glory'; pronounced kee-on-oh-*doks*-uh. Native to woods and mountains of Crete, Cyprus and western Turkey. 4–8" tall. ES, Z3-8. 5cm/up.

C. forbesii - Soft medium-blue petals, with white centers. Can spread to create a blue carpet for over two weeks in spring.

6605-A: 10 for $2.90 *6605-B: 20 for $4.60*
6605-C: 50 for $10.60 *6605-D: 200 for $32.00*

***C. f.* 'Alba'** - Long-lasting all-white flowers. A lovely complement to other varieties, or wonderful in a mini-vase.

6606-A: 10 for $3.90 *6606-B: 20 for $6.25*
6606-C: 50 for $14.40 *6606-D: 200 for $51.00*

***C. f.* 'Pink Giant'** - Blushing pink with white centers, sometimes bright pink at the edges.

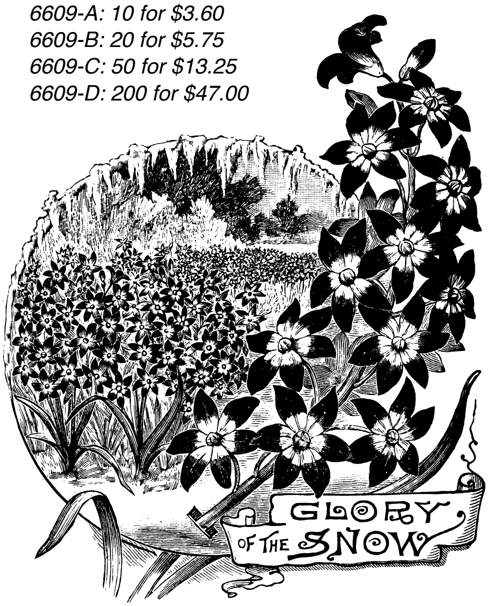
6607-A: 10 for $3.50 *6607-B: 20 for $5.60*
6607-C: 50 for $12.90 *6607-D: 200 for $47.00*

C. sardensis - Similar to *C. forbesii*, but a deeper flax blue and a smaller white eye. Slightly more diminutive but with more flowers and more color overall. Slightly longer and later bloom time. 3–6" tall. ES-MS.

6608-A: 10 for $6.75 *6608-B: 20 for $10.75*
6608-C: 50 for $24.75 *6608-D: 200 for $91.00*

Glory-of-the-Snow Mix - A mix of these long-lived snow- and critter-resistant stars, in shades of blue, violet, pink and white.

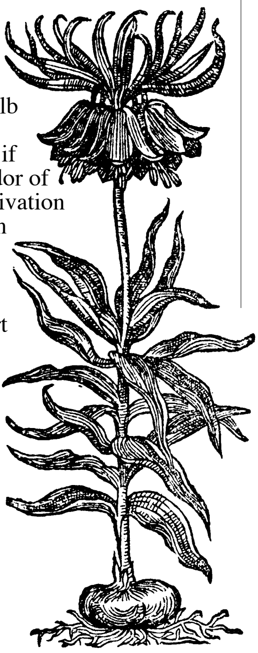
6609-A: 10 for $3.60
6609-B: 20 for $5.75
6609-C: 50 for $13.25
6609-D: 200 for $47.00



Discounts on orders received by August 14, 2020: **take 5% off at $100,** 10% off at $300, 15% off at $600, 20% off at $1200.

Fritillary or **Mission Bells** - *Fritillaria*

Bell-like flowers in a variety of colors and sizes, often with the subtle checkered pattern that gives rise to the name of the genus (*fritillus* is a dice-box, in Latin).



F. imperialis - **Crown Imperial** - Striking cluster of 3–6 inverted bells, 2–3" long, hangs from a leafy crown atop a tall spike. Large basal whorl of glossy leaves. Likes full sun, requires good drainage. Plant the bulb sideways to prevent crown rot. Can be very long-lived if left undisturbed. Skunky odor of bulbs repels critters. In cultivation since 1500s, native northern India to Iran. 26–30" tall. MS, Z5-7. 20cm/up.

'Aurora Maxima' - Deep reddish-orange flowers, part of the 'Maxima' series.

6611-A: 1 for $7.80
6611-B: 2 for $12.50
6611-C: 3 for $17.25
6611-D: 12 for $61.00

'Lutea Maxima' - Clear lemon-yellow flowers with light purple veining.

6612-A: 1 for $9.70
6612-B: 2 for $15.50
6612-C: 3 for $21.40
6612-D: 12 for $75.00

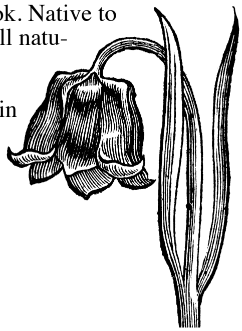
F. meleagris - **Guinea-Hen Flower**
Checkered 1½" flowers are usually plum or bronze, but some are lilac-pink or white. Delicate single bells hang on slender grey-green grasslike stems. Will spread in a well-drained sheltered spot; also suitable in borders, grassy or humusy areas. Also called **Checkered Lily** and **Snake's Head Fritillary**. Native to Europe where it grows all over in meadows and along streams. 10–14" tall. MS, Z3-8. 6cm/up. ✦¢✦

6613-A: 10 for $3.40 *6613-B: 20 for $5.50*
6613-C: 50 for $12.65 *6613-D: 200 for $44.00*

F. persica - **Persian Bells**
Dusky plum-purple slender 2–3" bell-shaped flowers on tall spikes, sort of like a dark foxglove. Bright silvery-green foliage. Light sweet smell, unlike some other fritillaries, but still unattractive to deer. Handsome in groups and, as attractive as they are, they can be difficult to see against a dark background, so plant them among yellow, pink or white tulips or other light-colored plants, or in front of a light-colored wall or building. Also called **Persian Lily**. Native to southern Turkey, western Iran, Iraq, Israel and Jordan. 24–40" tall. MS. With protection, Z5-8. 20cm/up.

6614-A: 1 for $7.80 *6614-B: 2 for $12.50*
6614-C: 3 for $17.25 *6614-D: 12 for $61.00*

Fritillaria uva-vulpis - **Fox-grape Fritillary**
A narrow bell of dusky purple with touches of yellow inside, and slightly recurved golden-yellow petal tips. One or two flowers per stem hang delicately from a slender stalk.
More sturdy than they look. Native to the Zagros mountains; will naturalize well in sunny well-drained humus-rich locations. Tolerates moisture in spring, but needs dry conditions in summer. 6–14" tall. MS, Z5-8. 6cm/up. ✦¢✦



6615-A: 10 for $3.40
6615-B: 20 for $5.50
6615-C: 50 for $12.65
6615-D: 200 for $44.00

Snowdrops - *Galanthus*

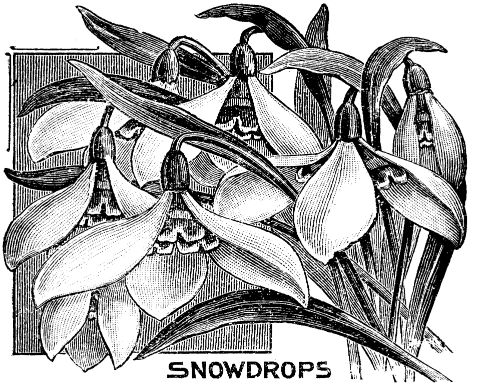
Frosty white 3-petaled bells with a touch of emerald green on the shorter inner segments. Snowdrops are usually one of the first signs of life emerging from the melting snow, even before crocuses. Delicate looking, but strong, very hardy and long-lasting, standing up to late snows, frosts and stiff spring winds. Fleshy grass-like grey-green leaves reach to 8–10" as flowers peak. Prefers partial shade and heavy soil, tolerates moist soil; a cool spot in a woodland garden is perfect. Can naturalize in border or lawn. Grows wild in open woods from the Pyrenees to the Caucasus. VE, Z3-8. 5cm/up.

G. nivalis - **Garden Snowdrop** - Often the very first flowers here in central Maine, these flowers are a well-known and delightful sign that spring really is on its way.

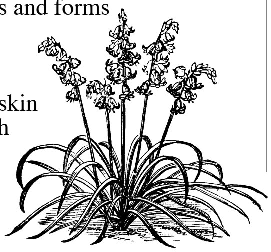
6616-A: 10 for $6.90 *6616-B: 20 for $11.00*
6616-C: 50 for $25.30 *6616-D: 200 for $92.00*

***G. nivalis* var. Flore Pleno**
Double Snowdrop - Fully doubled 1–1¼" wide-spreading pendent flower bell is completely filled with petals. Sterile, increases from offsets. This charming variety really packs the petal power! 3–4" tall.

6617-A: 5 for $6.75 *6617-B: 10 for $10.75*
6617-C: 25 for $24.75 *6617-D: 100 for $91.00*



Bluebells - *Hyacinthoides*



Bell-shaped pastel flowers on graceful racemes, similar to Scilla, but taller, with larger flowers, later to bloom. Self-seeds and forms new bulbs each year to replace old ones that shrivel. Some gardeners occasionally experience skin irritations on contact with flowers or foliage. Bluebells tolerate shade, moisture and a wide range of soils, and also do well in full sun.

H. hispanica Mix - Spanish Bluebells

Nodding clusters of lovely 3/4" bells with wide mouths and reflexed tips on all sides of sturdy stems. Pastel mix of blue, pink, and white; makes good cutflowers. The late-spring blooms are also excellent for hiding foliage of early bulbs. Also called **Wood Hyacinth**. Native to Spain and Portugal. 8–12" tall. LS, Z3-9. 8cm/up.

6618-A: 10 for $5.60   *6618-B: 20 for $9.00*
6618-C: 50 for $20.80   *6618-D: 200 for $77.00*

H. non-scripta - English Bluebells

Flax-blue flowers, sweetly scented, with 1/2–3/4" petals, narrower than Spanish Bluebells, with curled-back tips. Arching racemes with flowers on one side grow 4–8" above glossy green leaves. Native to western Europe and England, where bluebells bloom under deciduous trees not yet leafed out to form beautiful "bluebell woods." 12–18" tall. MS, Z5-8. 6cm/up.

6619-A: 10 for $6.25   *6619-B: 20 for $10.00*
6619-C: 50 for $23.00   *6619-D: 200 for $85.00*

(see *Mertensia* Virginia Bluebells, p. 11)

Spring Starflower - *Ipheion uniflorum*

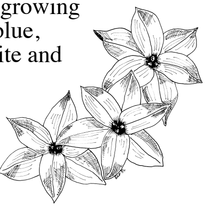
Starry 1" flowers, strongly honey scented. Several single-flowered stems arise from each critter-resistant tuber. Easy and attractive, performs best when slightly crowded. Grass-like leaves emerge in fall, make good edging, and smell like garlic only if crushed. Excellent in rock garden or front of the border, good in pots or naturalized in moist but well-drained soil, full sun to partial shade. Formerly named *Tritelia uniflora*. Native to Uruguay and Argentina. 4–6" tall. MS-LS, Z5-10.

I. uniflorum - Color develops from pale blue to soft violet with darker midribs. 4cm/up. ✦¢✦

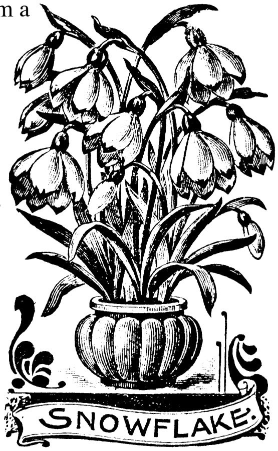
6620-A: 10 for $2.50   *6620-B: 20 for $4.00*
6620-C: 50 for $9.25   *6620-D: 200 for $32.00*

***I. u.* Mix** - Sweetly scented low-growing flowers in a mix of colors: pale blue, medium blue, yellow, bluish-white and violet. 3cm/up.

6621-A: 10 for $2.90
6621-B: 20 for $4.60
6621-C: 50 for $10.60
6621-D: 200 for $35.00

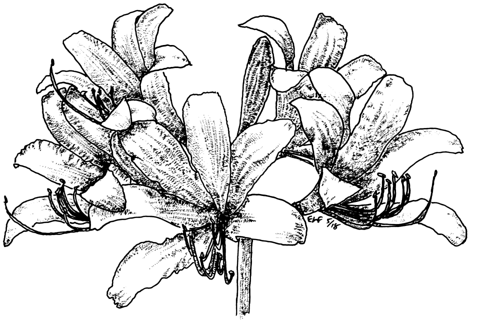


Leucojum aestivum var. Gravetye Giant Summer Snowflake



Pure white bells with scalloped edges and green spots resemble Snowdrops, but the flowers are twice as big and bloom a month later, and the plant is three times as tall. Summer Snowflake has 5–9 faintly violet-scented flowers per stem, evoking giant lilies-of-the-valley. Blooms for several weeks. Will spread in a damp—but not wet—location; prefers heavy soil and bright light, but not direct sun. Plant bulbs promptly lest they dry out. Also called **Lodden Lily**.
Species is native from Ireland to the Caucasus; Gravetye Manor was the home and laboratory of William Robinson, 19th-century botanist and author of *The Wild Garden*. 18–36" tall. LS, Z4-9. 12-13cm.

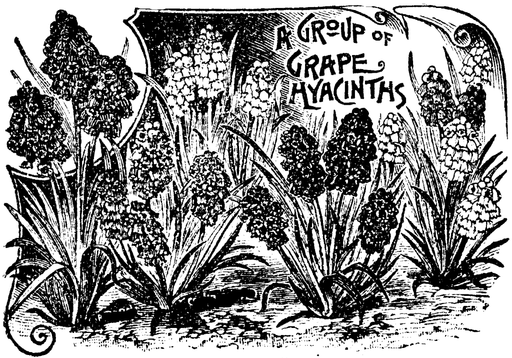
6622-A: 5 for $6.25   *6622-B: 10 for $10.00*
6622-C: 25 for $23.00   *6622-D: 100 for $85.00*



Lycoris squamigera - Magic Lily

A lush crop of leaves emerges in early spring bringing hopes of flowers, but the leaves die back, leaving nothing. Until, suddenly, around mid August, the 18–24" flowerstalk emerges from the ground and quickly blooms. Fragrant pink-mauve lily-like flowers are 3–4" long with slightly recurved tips. Almost tropical looking, they're great planted among daylilies or hostas, so the flower stalk rises up among the foliage. My neighbors have a thriving patch in Zone 5. The most cold-hardy lycoris, but Joanna's patch in Zone 3 puts out leaves annually and blooms only every 2–3 years. 18–24" tall. LSu, Z5-9. 10-12cm. ✦¢✦

6623-A: 1 for $6.25   *6623-B: 3 for $15.00*
6623-C: 6 for $27.00   *6623-D: 12 for $49.00*


A GROUP OF GRAPE HYACINTHS

Grape Hyacinth - *Muscari*

Distinctive pyramidal spikes of fragrant long-lasting densely packed bells, like upside-down grape clusters. Makes attractive borders, edging, or brightly colored filler between other bulbs. They thrive and increase except in damp or shady areas. Divide when dormant in summer. Do not cut their autumn leaves or they will lose vigor.

M. armeniacum - Bright cobalt blue florets with subtle white rims; good for forcing, cutting, naturalizing and filling in the border. Fragrant. The most commonly grown grape hyacinth and a great counterpoint to red, yellow, white, salmon, peach.... Blooms at least two weeks, and three weeks for us in cool springs. 6–8" tall. MS, Z4-9. 8-9cm. ✦¢✦

6624-A: 10 for $2.70 6624-B: 20 for $4.30
6624-C: 50 for $9.90 6624-D: 200 for $33.00

***M. botryoides* 'Album' - Pearls of Spain**
Sweetly perfumed pure white bells. Slender racemes show best when closely planted. 4–6" tall. MS, Z3-8. 5cm/up.

6625-A: 10 for $5.25 6625-B: 20 for $8.40
6625-C: 50 for $19.25 6625-D: 200 for $70.00

M. latifolium - Tall, with a large dense bicolor flower; top third is deep sky-blue fading to lilac, the bottom is dark violet. Unusual single side leaf. The earliest of all Muscari. 8–12" tall. ES-MS, Z2-6. 6cm/up.

6626-A: 10 for $3.45 6626-B: 20 for $5.50
6626-C: 50 for $12.65 6626-D: 200 for $42.00

M. 'Valerie Finnis' - Racemes of pearly sky-blue fat florets naturalize well, slowly spreading their unusual color. 6–8" tall. MS, Z4-8. 8-9cm.

6627-A: 10 for $4.50 6627-B: 20 for $7.25
6627-C: 50 for $16.75 6627-D: 200 for $61.00

Muscari Bluezz Mix - A jazzy little quintet of blue and white. Contains *Muscari armeniacum*, *M. botryoides* 'Album' and *M. latifolium*; plus a tricolor of pale blues, *M. a.* 'Peppermint', and the bright azure blue *M. azurem*. 4–12" tall. ES-MS, Z4-6. Topsize bulbs.

6628-A: 10 for $3.15 6628-B: 20 for $5.00
6628-C: 50 for $11.50 6628-D: 200 for $39.00

(see *Bellevalia* Giant Grape Hyacinth, p. 34)

***Puschkinia scilloides* - Striped Squill**
Compact racemes of white to pale blue flowers, each petal striped with darker blue. 4–10 open bells per stem. Plant in full sun or light shade as drifts, in borders, or under trees. Very hardy and easy to naturalize. For some it spreads slowly, others find it quickly forms colonies. Also called **Russian Snowdrop** and **Early Stardrift**. Native from the Caucasus to Lebanon, especially in grasslands near the snow line. 4–6" tall. ES, Z3-8. 5cm/up.

6629-A: 10 for $3.40 6629-B: 20 for $5.45
6629-C: 50 for $12.60 6629-D: 200 for $43.00

Siberian Squill - *Scilla siberica*

Loose clusters of delicate pendent bells with a very long bloom time. Prefers cool places, in short grass, under shrubs, deciduous trees or even the shady side of a cedar hedge. May be the most shade-tolerant bulb but also performs well in sun if the soil's not too dry. Amazingly hardy and an excellent naturalizer. Beloved by bees. 6–8" tall. ES, Z2-8.

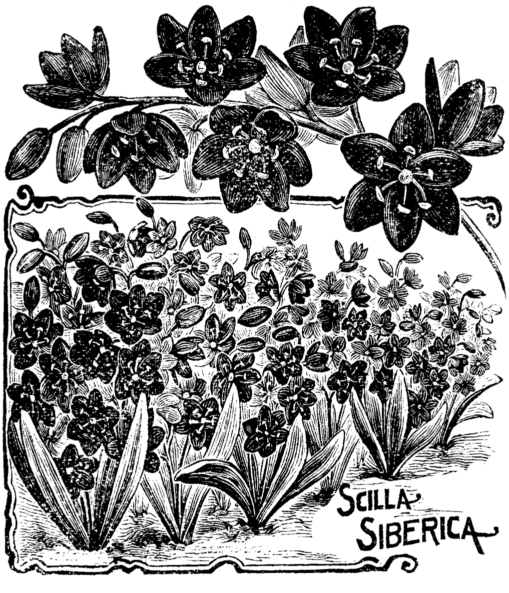
Scilla siberica - Bright flax-blue bells. Very prolific, can form great drifts. Lightly scented. 8cm/up bulbs. ✦¢✦

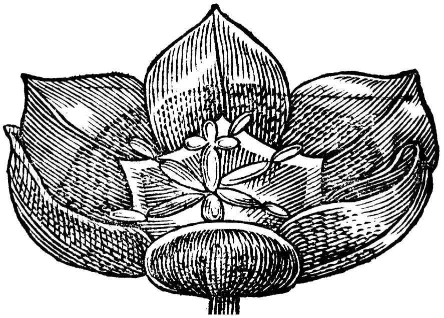
6630-A: 10 for $3.15 6630-B: 20 for $5.00
6630-C: 50 for $11.50 6630-D: 200 for $41.00

***S. siberica* 'Alba'** - Pure white. More gardeners should try this lovely white form. 8cm/up.

6631-A: 10 for $4.80 6631-B: 20 for $7.70
6631-C: 50 for $17.70 6631-D: 200 for $63.00

Discounts on orders
received by
August 14, 2020:
take 5% off at $100,
10% off at $300,
15% off at $600,
20% off at $1200.





Species Tulips

The original wild tulips from the center of tulip diversity in central Asia, and their cultivars which still have a "wild" look, comprise Tulip Division 15. All our stock is nursery-propagated from commercial sources and is not collected in the wild. Once established with good drainage, these tend to perennialize or naturalize, unlike many of the big hybrid tulips. Most are not tall, showy or formal, but they have their own halfling charms. Topsize bulbs vary in size by species.

Tulipa batalinii **'Bronze Charm'**
Soft sulphur yellow becoming subtly flushed with apricot. Delicate 2" miniature has more classic cup-type tulip shape than other species tulips. Light fragrance. Wavy grey-green leaves lie close to the ground in a rosette. 4–6" tall. MS-LS, Z3-8. 6cm/up.

6701-A: 5 for $2.95
6701-B: 10 for $4.75
6701-C: 25 for $10.95
6701-D: 100 for $38.00

T. clusiana - **Lady Tulip** - Pointed petals are white inside with a dusty deep pink exterior edged with white. Looks like candy when closed in the morning, in the evening and on cloudy days. Opens wide in the sunshine to show a big white star with a royal purple base. One or two flowers per bulb. A good perennializer if left undisturbed. Species native to the Himalayas. 8–12" tall. MS, Z4-8. 5cm/up.

6702-A: 5 for $2.95
6702-B: 10 for $4.75
6702-C: 25 for $10.95
6702-D: 100 for $38.00

T. clusiana **var.** ***chrysantha***
Tubergen's Gem - Also called *T. chrysantha* - Rich golden yellow inside and out, accented with a large soft rose-crimson blush on the outer petals. Pointed petals open wide in the sunshine. Wavy-edged basal leaves, 1–3 flowers per bulb. 6–12" tall. MS-LS, Z4-8. 5cm/up.

6703-A: 5 for $2.95
6703-B: 10 for $4.75
6703-C: 25 for $10.95
6703-D: 100 for $38.00

T. humilis **'Persian Pearl'** - Dusky magenta outside, lightly veined green. Inside deep violet-magenta with a bright yellow base. Opens wide in sun offering a cheery splash of color and sweet scent. Species native to mountains of Kurdistan. 4–8" tall. ES-MS, Z4-8. 6cm/up.

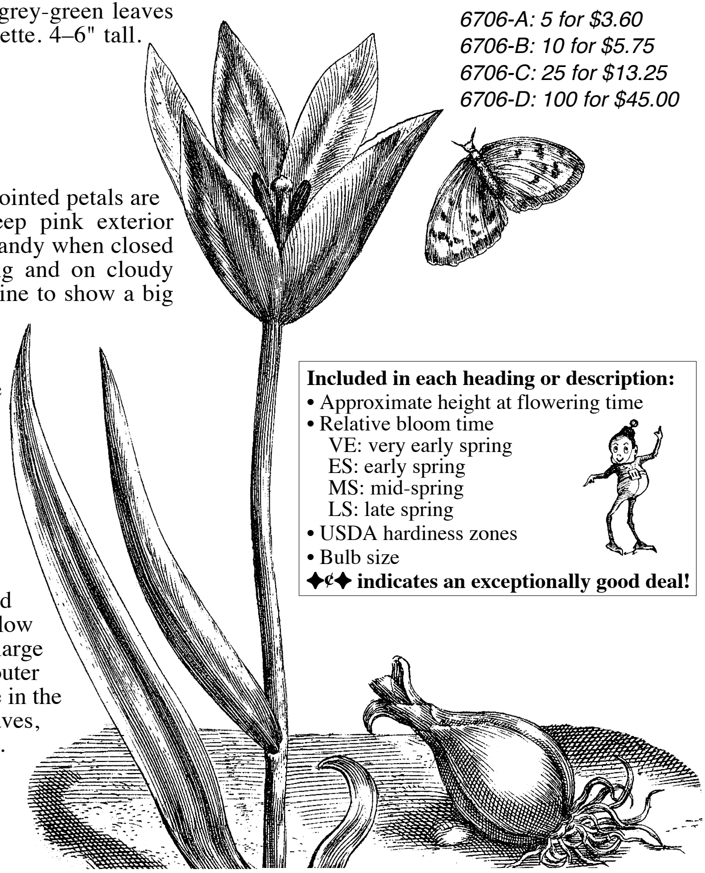
6704-A: 5 for $2.95
6704-B: 10 for $4.75
6704-C: 25 for $10.95
6704-D: 100 for $38.00

T. linifolia - Pointy fluorescent scarlet petals on a purple-black base. Petals open fully in sun, close at night. Red-edged very wavy grey-green basal leaves. Attracting attention since 1884. 6–8" tall. MS-LS, Z4-8. 5cm/up. ✦¢✦

6705-A: 5 for $2.20 *6705-B: 10 for $3.50*
6705-C: 25 for $8.00 *6705-D: 100 for $26.00*

T. praestans **'Van Tubergen's Variety'**
Like its cousin 'Fusilier', a brilliant scarlet-orange, with 2–3 flowers on each stem, and possibly several flowerstalks per bulb. Flowers open wide in the sun, 4–5" across. Unlike most species tulips, these flowers are as large as the early season hybrids, on short sturdy stems. Broad medium-green leaves. 8–14" tall. ES-MS, Z4-8. 10-11cm.

6706-A: 5 for $3.60
6706-B: 10 for $5.75
6706-C: 25 for $13.25
6706-D: 100 for $45.00



Included in each heading or description:
- Approximate height at flowering time
- Relative bloom time
  - VE: very early spring
  - ES: early spring
  - MS: mid-spring
  - LS: late spring
- USDA hardiness zones
- Bulb size

✦¢✦ indicates an exceptionally good deal!

Species Tulips, continued.

***Tulipa pulchella* 'Violacea'** - Cup-shaped flowers are magenta-cherry red inside and out. Deep purple-black base inside appears when flowers open wide in bright sun. Also called *Tulipa humilis* 'Pulchella' or *T. h.* 'Violacea'. 4–6" tall. ES-MS, Z3-8. 5/cm up.

6707-A: 5 for $3.00
6707-B: 10 for $4.80
6707-C: 25 for $10.95
6707-D: 100 for $38.00

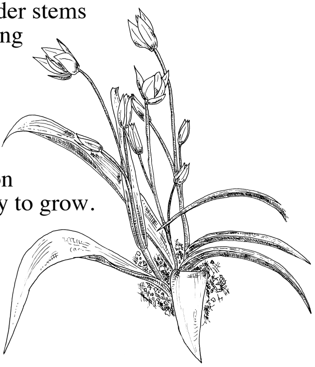
T. saxatilis - Pointed lilac-pink petals with a prominent yellow base. 1–3 flowers per stem, long bright-green shiny leaves. Very easy to grow, spreads by runners. Likes hot summers, doesn't mind rocky ground or poor soil. Native to Crete. 6–8" tall. LS, Z4-10. 5cm/up.

6708-A: 5 for $3.00
6708-B: 10 for $4.80
6708-C: 25 for $10.95
6708-D: 100 for $38.00

T. tarda - Star-shaped yellow flowers with white tips, outside white lightly flushed with dusky purple. Opens wide even on grey days. Very multifloral, 4–6 flowers per bulb above a rosette of wavy basal leaves. Very long-lived. One of the easiest to grow; spreads readily, even on the shady north side of the house. Also called *T. dasystemon*. 4–5" tall. MS, Z3-8. 7-8cm. ✦¢✦

6709-A: 5 for $2.40
6709-B: 10 for $3.80
6709-C: 25 for $9.00
6709-D: 100 for $32.00

T. turkestanica - One of the earliest tulips to bloom. Graceful pendent flowers, up to 5 per stem, sway along slender stems like wildflowers dancing in the breeze. White petals with yellow centers, flushed greyish violet outside. Flowers close up at night and on cloudy days. Very easy to grow. Native to eastern Tian Shan mountains. 6–8" tall. ES-MS, Z4-8. 5cm/up. ✦¢✦



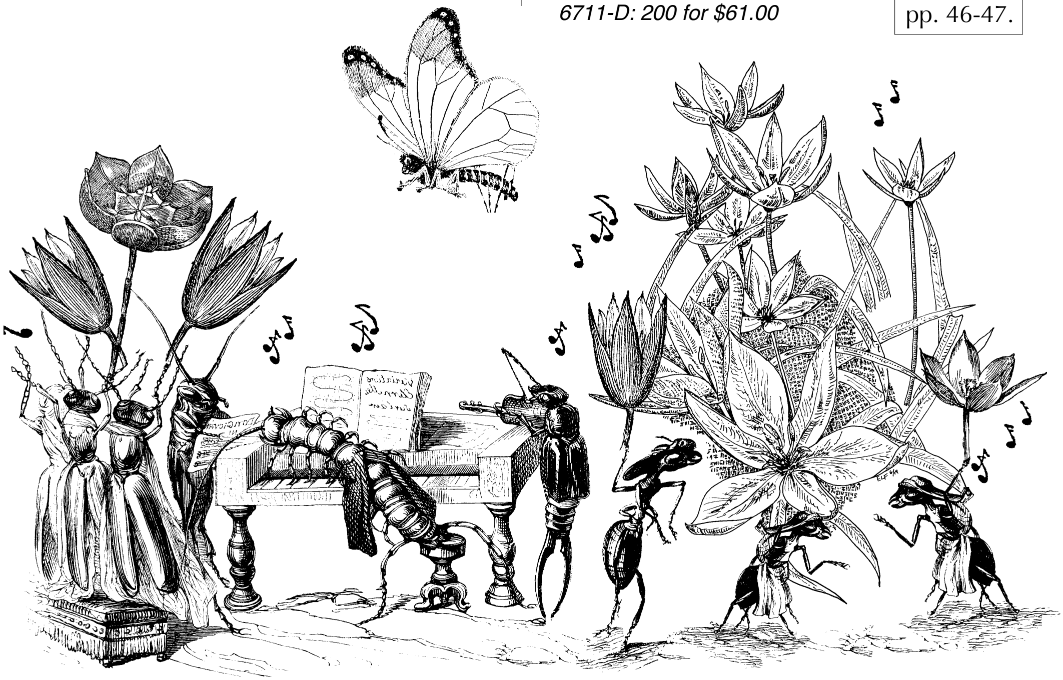
6710-A: 5 for $2.40
6710-B: 10 for $3.80
6710-C: 25 for $9.00
6710-D: 100 for $32.00

Little Stars Rockgarden Mix

Cheerful star-shaped multifloral tulips whose low-growing spreading habits make them perfect for a rock garden. Contains a mix of *T. tarda*, *T. saxatilis*, *T. humilis* 'Persian Pearl', *T.* 'Little Beauty' (deep reddish-pink petals and a steel-blue center bordered with a lighter ring), and *T.* 'Little Princess' (burnt-orange blushed with pink and a black center edged in yellow), and other little stars. 4–6" tall. ES-LS, Z4-8. 6cm/up. ✦¢✦

6711-A: 10 for $4.50
6711-B: 20 for $7.25
6711-C: 50 for $16.75
6711-D: 200 for $61.00

Large Tulip mixes on pp. 46-47.

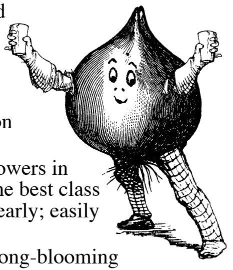


Garden Tulips

Wonderful massed or as accents, these colorful flowers are highlights of spring. Most varieties are also good for cutting, and many are good for forcing. To help protect them from marauding critters, try interplanting with genera that are unattractive to pests: Allium, Fritillaria, Galanthus, Muscari, Narcissus, Scilla. All tulips in Divisions 1–14 grow well in Zones 3-7. Topsize bulbs, 12cm/up, except where we specify Jumbo.

Garden Tulips are hardy in Zones 3-7. Descriptions end with height range at flowering time, and division number.

Tulip Divisions



Div1 Single Early Cup-shaped long-lasting flowers. The oldest class of cultivars. Good for forcing. ES.

Div2 Double Early Semi- to fully doubled ruffled flowers on short sturdy stems. ES.

Div3 Triumph Cup-shaped flowers in the largest palette of colors. The best class for forcing. Foliage dies back early; easily removed or overplanted. MS.

Div4 Darwin Hybrid Large long-blooming weather-resistant ovoid flowers on tall stems. MS-LS.

Div5 Single Late Cup- or goblet-shaped flowers, includes Mayflowering, Cottage, Breeder and Darwin tulips. Tall, in a wide range of colors. LS.

Div6 Lily-flowered Pointed reflexed petals and a slender "waist." Similar to the Ottoman tulips. LS.

Div7 Fringed A finely cut fringe on the petal edge. Also known as Crispa tulips. LS.

Div8 Viridiflora "Green Flower" tulips have a broad green flame up the outside of the petals. LS.

Div9 Rembrandt Broken colors; modern cultivars all belong to another class based on other characteristics.

Div10 Parrot Feathered, curled, twisted petal edges. The bud is said to resemble a parrot's beak. MS-LS.

Div11 Double Late Fully doubled ruffled flowers, commonly called Peony tulips. LS.

Div12 Kaufmanniana Low-growing, wide opening; perennialize well. Also called Waterlily tulips. VE-ES.

Div13 Fosteriana Large single flowers with long petals in rich vivid colors. Reasonably long-lived, good for forcing. Also called Emperor tulips. ES.

Div14 Greigii Large blooms, short stems; perennialize well. Foliage is streaked or mottled burgundy. ES.

Div15 Species Wild types and their cultivars.

— Early Tulips —

'Apricot Beauty' - Soft apricot-pink petals tinged with rose and salmon with an uncommon light green base. Fragrant, truly lovely, good for forcing, and one of the world's best-selling tulips. 14–16" tall. Div1.

6801-A: 5 for $5.25
6801-B: 10 for $8.35
6801-C: 25 for $19.25
6801-D: 100 for $69.00

'Purple Prince' - Deep bluish-purple with dusky lilac flames, reddish-purple inside. Large flowers with a scalloped edge. Complex color mixes well with others. 12–14" tall. Div1. ✦¢✦

6802-A: 5 for $3.25
6802-B: 10 for $5.15
6802-C: 25 for $11.85
6802-D: 100 for $41.00

'Abba' - Stunning full ruffled Double Early with glowing current-red petals and slightly darker ribs. Contrasting yellow base and black stamens hidden inside. Short sturdy stems stand up to spring rainstorms. 10–12" tall. Div2.

6803-A: 5 for $4.40
6803-B: 10 for $7.00
6803-C: 25 for $16.15
6803-D: 100 for $59.00

'Red Emperor' - Huge blooms of fiery red with enormously long petals on a black and yellow base. One of the all-time favorites; also known as '**Madame Lefebre**'. Fosteriana type is great with narcissus. 12–16" tall. Div13.

6804-A: 5 for $4.25
6804-B: 10 for $6.80
6804-C: 25 for $15.65
6804-D: 100 for $57.00

— Midseason Tulips —

‘Brown Sugar’ - Plum-red matte petals have caramel-apricot edges. A delicious standout, lightly fragrant. Pair its warm orangey sunset glow with oranges or grapey-purples for a wicked sweet combination. 20" tall. Div3.

6805-A: 5 for $5.15 6805-B: 10 for $8.20
6805-C: 25 for $18.95 6805-D: 100 for $71.00

‘Cape Town’ - Alluring lemon-yellow petals with brushed red edges which start fine and broaden with time. Rounded tops sometimes have wavy edges. 15–17" tall. Div3.

6806-A: 5 for $4.40 6806-B: 10 for $7.00
6806-C: 25 for $16.15 6806-D: 100 for $59.00

‘Cassini’ - Lightly fragrant deep crimson-red goblet-shaped flowers. Long-lasting in garden or vase. 16–20" tall. Div3.

6807-A: 5 for $4.90 6807-B: 10 for $7.85
6807-C: 25 for $18.00 6807-D: 100 for $66.00

‘Flaming Flag’ - Enormous glistening white petals contrast with a wave of subtle purple blushes and sharp purple flames. Like a Rembrandt tulip; no two exactly the same. 16–18" tall. Div3.

6808-A: 5 for $3.90 6808-B: 10 for $6.25
6808-C: 25 for $14.40 6808-D: 100 for $49.00

‘Gavota’ - Deep burgundy with a sunny yellow edge, and a primrose yellow base inside. Pointed flower petals. The margin between the yellow and burgundy turns to white as the flower matures. 18–20" tall. Div3. **BACK!**

6809-A: 5 for $4.90 6809-B: 10 for $7.85
6809-C: 25 for $18.00 6809-D: 100 for $66.00

‘Helmar’ - Bold ruby-red flames on golden-yellow petals, both inside and out. A striking show in mid spring. 16–18" tall. Div3.

6810-A: 5 for $4.70 6810-B: 10 for $7.50
6810-C: 25 for $17.25 6810-D: 100 for $63.00

‘Muvota’ - Maroon-red petals have broad dusky rose-gold edges feathering into the maroon. Rich color contrast will draw you in from afar. 16–18" tall. Div3. Offered last season on our website, but **NEW!** to the catalog.

6811-A: 5 for $4.90 6811-B: 10 for $7.85
6811-C: 25 for $18.00 6811-D: 100 for $66.00

‘Passionale’ - Purple with lilac-purple blush and deeper purple flames, beetroot interior with a yellow base. 14–16" tall. Div3.

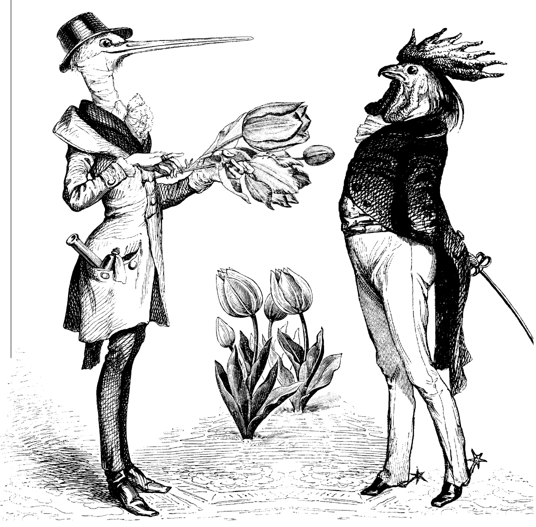
6812-A: 5 for $4.15 6812-B: 10 for $6.60
6812-C: 25 for $15.20 6812-D: 100 for $53.00

‘Paul Scherer’ - The darkest Triumph tulip. Purple-black with a straight-sided shape. Weeks earlier than Queen of Night but a very similar color. Contrasts wonderfully with any color of tulip, whether your garden plan is classic or goth. 16–18" tall. Div3.

6813-A: 5 for $4.90 6813-B: 10 for $7.85
6813-C: 25 for $18.00 6813-D: 100 for $66.00

‘Prinses Irene’ - Wonderfully complex rich salmony-apricot-orange petals are finely etched with a variable dusky to vibrant plum-violet flame. Fragrant. Popular for forcing. 12–14" tall. Div3. ✦¢✦

6814-A: 5 for $4.25 6814-B: 10 for $6.80
6814-C: 25 for $15.65 6814-D: 100 for $57.00



‘Ronaldo’ - Dark reddish-purple with a slightly lighter maroon edge and a lustrous smoky sheen. Wonderful teamed up with Gavota and/or Muvota. 18–20" tall. Div3. **BACK!**

6815-A: 5 for $4.15 6815-B: 10 for $6.60
6815-C: 25 for $15.20 6815-D: 100 for $53.00

‘Shirley’ - Delicate marble-ivory with a fine purple edge that slowly widens into a broad lavender blush. A subtly and steadily evolving look every day. 18–20" tall. Div3.

6816-A: 5 for $4.90 6816-B: 10 for $7.85
6816-C: 25 for $18.00 6816-D: 100 for $66.00

‘Strong Gold’ - Strength of form and color make this an excellent addition to your garden or vase. Pair this saturated yellow with Cassini for a traditional Dutch coupling or with Muvota for a mysterious twist. 18–20" tall. Div3. **NEW!** ✦¢✦

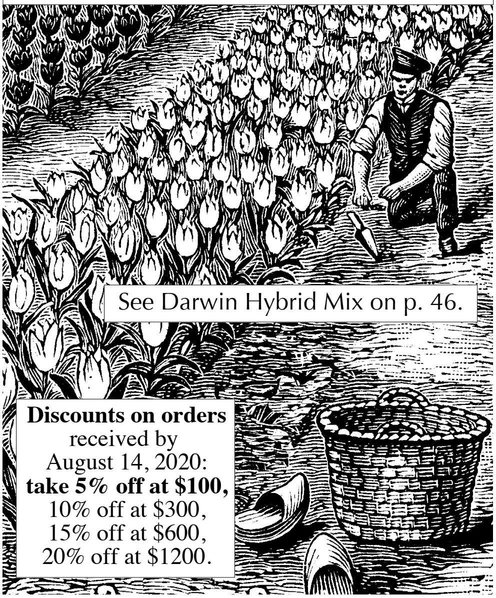
6817-A: 5 for $3.60 6817-B: 10 for $5.75
6817-C: 25 for $13.25 6817-D: 100 for $45.00

Planting Tulips for Longevity

Some gardeners treat tulips like annuals, removed and replaced yearly. Some others feed the greens in spring, dig the bulbs in early summer after the foliage has browned, ripen the bulbs in a cool dry place, and then replant in fall—a time-consuming process that increases the probability of blooms the next year.

You can take simpler steps to encourage your tulips to come back. Choose a sunny location and plant the bulbs 8–10" deep (yes, that deep!) in well-drained soil, 3–4 weeks before the ground freezes.

During spring growth, check the soil weekly if there is little rain, and water if $^1/_2$" below the surface is dry. Deadhead to force the plant's energy into the bulb. Don't cut or tie the foliage until it has begun to yellow. Overplant with annuals or perennials to help keep the soil dry down where the bulb is.



See Darwin Hybrid Mix on p. 46.

Discounts on orders
received by
August 14, 2020:
take 5% off at $100,
10% off at $300,
15% off at $600,
20% off at $1200.

Darwin Hybrids

This class of midseason tulips is often sold as "Perennial Tulips" because they reliably produce flowers for years longer than many other hybrid tulips. Large to very large flowers, weather resistant and long blooming. Div4.

'Daydream' - Opens yellow, matures to rich apricot, with washes and blushes of yellow and rose. Fragrant. Stunning, says Gene. It's one of my every-year favorites. 20–28" tall.

6818-A: 5 for $4.25
6818-B: 10 for $6.80
6818-C: 25 for $15.65
6818-D: 100 for $56.00

'Golden Parade' - Big bold golden-yellow flowers, occasionally touched with red at the petal's rim. Pair it with Oxford for the quintessential tulip combination. 20–28". **BACK!**

6819-A: 5 for $4.40
6819-B: 10 for $7.00
6819-C: 25 for $16.15
6819-D: 100 for $59.00

'Gudoshnik' - Creamy yellow with varying amounts of red streaks, dapples and flames, becoming more saturated as each flower matures. No two are alike; one of Gene's favorites and he has the artist's eye. The name means 'painter' in Russian, and it's impressionist en masse and finely appointed in the vase. 20–28" tall.

6820-A: 5 for $4.70
6820-B: 10 for $7.50
6820-C: 25 for $17.25
6820-D: 100 for $63.00

'Ollioules' - Pinky cream flowers are heavily brushed with silvery pink and lavender. Edges mature to a silvery white. Wonderfully elegant. Ollioules (*ol'-yule*) is a town at the center of the French flower industry. 20–28" tall.

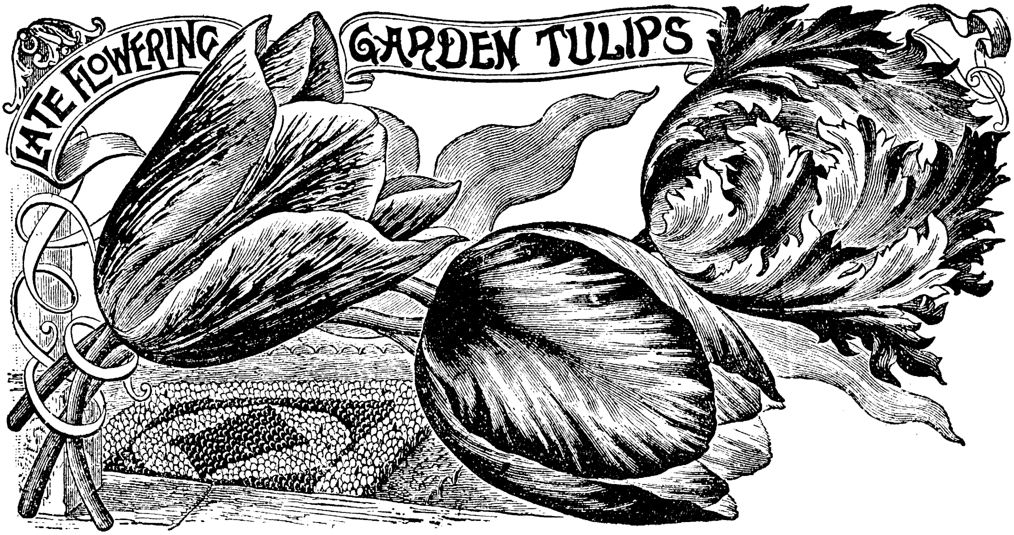
6821-A: 5 for $4.50
6821-B: 10 for $7.25
6821-C: 25 for $16.65
6821-D: 100 for $60.00

'Oxford' - Bright scarlet blooms with a purple-red blush on the outside. Rich mustard-yellow base inside is brilliantly contrasted by the black stamens. 20–28" tall. ✦¢✦

6822-A: 5 for $3.75
6822-B: 10 for $6.00
6822-C: 25 for $13.80
6822-D: 100 for $49.00

'Pink Impression' - Deep rose exterior with deep pink veins, light pink flames, and delicate pink edges; inside light pink and pale rose. Impressive, handsome tulip is taller and larger than most, with lots of subtle gradations. 24–32" tall. Jumbo bulbs, 14cm/up.

6823-A: 5 for $4.25 *6823-B: 10 for $6.80*
6823-C: 25 for $15.65 *6823-D: 100 for $57.00*



— Late Tulips —

'Cum Laude' - About as close to blue as you're going to get in a tulip. Large flowers of campanula-violet with a slight wave at the edges. Marble-white base. 20–24" tall. Div5.

6824-A: 5 for $5.55 *6824-B: 10 for $8.75*
6824-C: 25 for $20.25 *6824-D: 100 for $72.00*

'Dordogne' - Large and handsome goblet-shaped blooms on tall stems combine raspberry-rose petals with lighter yellow-orange edges. Study this one up close, as the colors change daily and with the light. Sport of Menton. No two exactly the same; fabulous for cutting. 24–26" tall. Div5.

6825-A: 5 for $4.70 *6825-B: 10 for $7.50*
6825-C: 25 for $17.25 *6825-D: 100 for $63.00*

'Hella Lights' - Big lemon-yellow flowers. Pair it with Kingsblood for that classic tulip combination. 22–26" tall. Div5.

6826-A: 5 for $3.50 *6826-B: 10 for $5.60*
6826-C: 25 for $12.85 *6826-D: 100 for $47.00*

'Kingsblood' - Dark cherry-red with scarlet edges. One of the best reds: large and long lasting with sturdy stems. 20–24" tall. Div5. ✦¢✦

6827-A: 5 for $4.80 *6827-B: 10 for $7.70*
6827-C: 25 for $17.70 *6827-D: 100 for $62.00*

'Maureen' - Long marble-white blooms with pastel yellow undertones are stunning each year standing above our bed of forget-me-nots. The tallest white tulip, and an important variety in the cutflower trade. 24–28" tall. Div5.

6828-A: 5 for $6.80 *6828-B: 10 for $10.90*
6828-C: 25 for $25.00 *6828-D: 100 for $91.00*

Garden Tulips are hardy in Zones 3-7. Descriptions end with height range at flowering time, and division number. See p. 41 for descriptions of Tulip divisions .

'Menton' - A medium pink with hints of violet and a subtle but distinctive apricot edge. Salmon on the inside with a yellow base. A sport of 'Renown' and a tall-standing stunner at 24–28" tall. Div5.

6829-A: 5 for $4.70
6829-B: 10 for $7.50
6829-C: 25 for $17.25
6829-D: 100 for $63.00

'Queen of Night' - Called black, but really deep dark velvety purple-maroon with a hint of concord grape. For decades now, the standard "black" in the Single Late group. 26–30" tall. Div5.

6830-A: 5 for $4.40
6830-B: 10 for $7.00
6830-C: 25 for $16.15
6830-D: 100 for $58.00

'Ballerina' - Shimmering long-lasting tangerine Lily-flowered blooms subtly tinged with crimson and lemon. Incredibly lovely, with elegant reflexed petals, a slender waist, and tall thin sturdy stems. Sweet scent perks up around dusk. 18–22" tall. Div6.

6831-A: 5 for $4.60
6831-B: 10 for $7.40
6831-C: 25 for $16.60
6831-D: 100 for $59.00

'Très Chic' - Elegant Lily-flowering blooms open creamy, turn pure white with hints of green at flower base. Petals are slightly pointier and a cleaner, less-yellow white than those of 'White Triumphator'. Shorter stature helps it to withstand strong spring winds. 16–18" tall. Div6.

6832-A: 5 for $5.55
6832-B: 10 for $8.75
6832-C: 25 for $20.25
6832-D: 100 for $73.00

'Esperanto' - Red petals with flaming green midribs that appear almost chocolate in bright light. Leaves edged white. Long-lasting cutflower is especially rewarding for its complexity and dramatic color when studied up close. Vivid, outstanding Viridiflora. 12–14" tall. Div8.

6833-A: 5 for $4.90 *6833-B: 10 for $7.85*
6833-C: 25 for $18.00 *6833-D: 100 for $66.00*

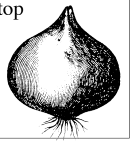
'Groenland' - Soft dusty rose-pink petals offset by soft green flames on the petal midribs. The green midribs of this Viridiflora feather off to a butter and cream edge, with hints of creamy streaks into the pink. Long-lived perennial is also great in a vase. 18–22" tall. Div8.

6834-A: 5 for $4.70 *6834-B: 10 for $7.50*
6834-C: 25 for $17.25 *6834-D: 100 for $63.00*

'Rococo' - Carmine-red Parrot tulip with ruffled petal borders. Central ribs warmly splashed in shades of green and plum. Very showy. Bred from Coleur Cardinal and quite sumptious to behold. Large blooms need room and wind protection. Wonderful cutflowers that really fill up the vase. 12–14" tall. Div10. ✦¢✦

6835-A: 5 for $3.50
6835-B: 10 for $5.60
6835-C: 25 for $12.90
6835-D: 100 for $45.00

Occasionally, in a less-then-optimal growing season, tulip bulbs in Divisions 8 and 10 have a top size of 10cm/up. We will always supply 12cm/up when they are available, but every now and then they're not. We assume you want the flowers, so we supply what we can get that year.



'Angelique' - Shades of pastel pink and pale rose with lighter edges predominate this Double Late. This well-known fragrant and delicate-looking-but-sturdy beauty is our best-selling peony-flowered tulip. Good for forcing as well. 14–18" tall. Div11.

6836-A: 5 for $4.50 *6836-B: 10 for $7.25*
6836-C: 25 for $16.70 *6836-D: 100 for $60.00*

'Miranda' - Full bright red Double Late, with hints of yellow deep inside the center, and green hints outside at the base. The name Miranda means 'worthy of admiration' and here we surely agree. 18–22" tall. Div 11.

6837-A: 5 for $4.25 *6837-B: 10 for $6.80*
6837-C: 25 for $15.65 *6837-D: 100 for $58.00*

'Mount Tacoma' - Pure white. One of the fullest of the Double Lates and a great complement to just about anything, whether in beds, borders, vases, or sconces on the wall. 14–18" tall. Div11. ✦¢✦

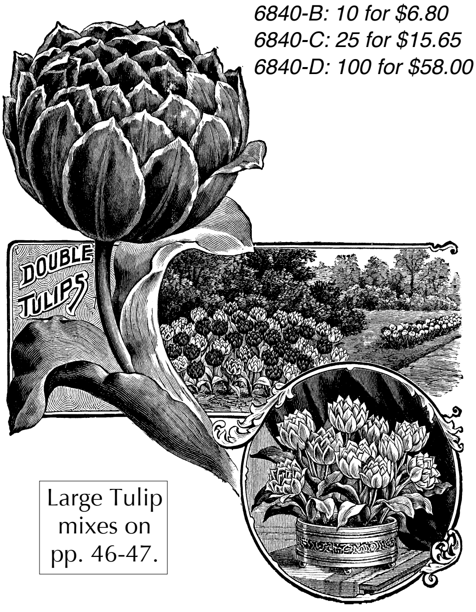
6838-A: 5 for $4.40 *6838-B: 10 for $7.00*
6838-C: 25 for $16.00 *6838-D: 100 for $59.00*

'Purple Peony' - Saturated royal purple all the way through all petals inside and out. You'll not find any real peonies in this color. Rich full Double Late tulip beautifully sets off other colors in either garden or vase. 16–18" tall. Div11.

6839-A: 5 for $4.50 *6839-B: 10 for $7.25*
6839-C: 25 for $16.70 *6839-D: 100 for $60.00*

'Sunlover' - Magnificent fully doubled blooms start out golden-yellow with red highlights. The red markings increase until this Double Late begins to glow orange and even orange-red. Lights up the garden, looks great in a vase, and fragrant too. 16–18" tall. Div11.

6840-A: 5 for $4.25
6840-B: 10 for $6.80
6840-C: 25 for $15.65
6840-D: 100 for $58.00



Large Tulip mixes on pp. 46-47.

Tulip Mixes

Double Early Mix - A sassy group for the front row of your garden beds and borders. Fully double flowers in bright colors atop relatively short sturdy stems which stand up well in heavy spring rains—and even an early May snow! 10–14" tall. ES-MS, Div2.

6851-A: 10 for $9.85
6851-B: 20 for $15.75
6851-C: 50 for $36.25
6851-D: 100 for $68.00

Emperor Mix - A royal mix of big-flowered Fosterianas for bold early color. Red, yellow, orange and more. We planted some outside the Fedco Trees warehouse, and for years this mix has garnered rave reviews in late April. 12–16" tall. ES, Div13.

6852-A: 10 for $8.50
6852-B: 20 for $13.60
6852-C: 50 for $31.30
6852-D: 100 for $57.00

Non-Stop Reds - Celebrate spring with a long-lasting patch of bright red color. A blend of five or more varieties selected from early, mid and late tulips. Keep that spring fire burning for over a month, come rain or come shine. 12–24" tall.

6853-A: 10 for $7.65
6853-B: 20 for $12.25
6853-C: 50 for $28.25
6853-D: 100 for $52.00

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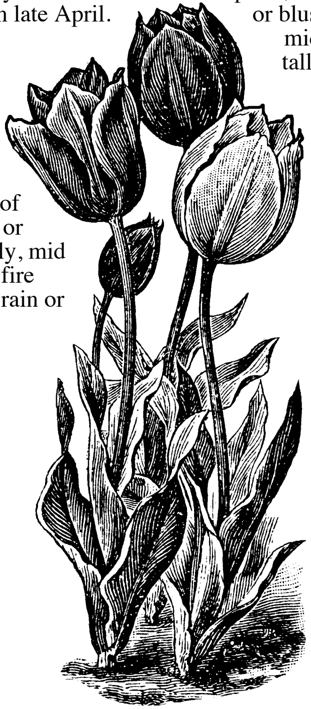

Pastel Triumph Mix - Soft but not wishy-washy, just easy on the eyes. Pale peach, soft pink, lavender, and more. This tranquil blend displays quiet beauty in the neighborhood. 18–20" tall. MS, Div3.

6854-A: 10 for $7.80
6854-B: 20 for $12.50
6854-C: 50 for $28.75
6854-D: 100 for $53.00

Purple Rain - Nothing Compares to U, so put on your Raspberry Beret and Let's Go Crazy. Inspired by the memory of Prince, this mix of Triumphs in deep purple, mid-violet, raspberry, pearl, candy pink, and white with purple streaks or blushes may make you Delirious. Plant this midseason mix so U Got the Look. 18–20" tall. MS, Div3.

6855-A: 10 for $6.80
6855-B: 20 for $10.90
6855-C: 50 for $25.25
6855-D: 100 for $43.00

Darwin Hybrid Mix - A mix of yellow, red, apricot, white, pink and more. Long-lived bulbs produce large flowers for a perfect long-lasting bouquet. 20–28" tall. MS-LS, Div4.

Darwin Hybrid Mix Jumbo 14cm/up.

6856-A: 5 for $4.80
6856-B: 10 for $7.70
6856-C: 25 for $17.70
6856-D: 100 for $64.00

Darwin Hybrid Mix Topsize 12cm/up.

6857-A: 10 for $6.60
6857-B: 20 for $10.70
6857-C: 50 for $24.15
6857-D: 100 for $45.00

All mixes contain
Topsize bulbs,
12cm/up.

Rembrandt-type Flaming Mix - Broken-color and flamed tulips, originally the result of a virus, were wildly popular in the early 1600s. Propagating infected plants is now stringently restricted in Holland, but breeders have created virus-free varieties closely resembling those depicted in paintings by the Dutch masters. A mix of white, cream and yellow Single Late varieties, broken and flamed with shades of red and purple. 18–28" tall. LS, Div5.

6858-A: 10 for $8.75
6858-B: 20 for $14.00
6858-C: 50 for $32.25
6858-D: 100 for $60.00

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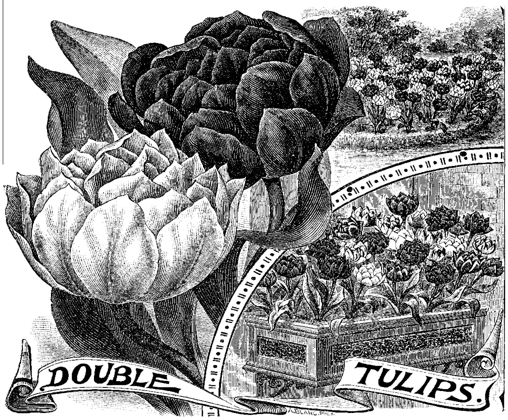
Flash of Green - A mix of four or more Viridiflora tulips, in colors of china pink, scarlet red, lemon yellow and marble white, all with a distinctive spring-green flare on the outer petals. Sturdy stems support this long-lived, long-blooming group. Fabulous for cutting. 18–22' tall. LS, Div 8.

6859-A: 5 for $6.50 *6859-B: 10 for $10.60*
6859-C: 25 for $24.00 *6859-D: 100 for $77.00*

Double Late "Peony" Mix - Pack peony-style petal power in a dramatic range of colors, from white and pastels to red and purple. Double Late tulips in solids, bicolors, blushes, brushes and flames for your cutting garden and vase. 6-8 varieties. Plant some Double Early Mix as well for a doubly full season of tulips. 14–18" tall. LS, Div11.

6860-A: 10 for $9.85 *6860-B: 20 for $15.75*
6860-C: 50 for $36.25 *6860-D: 100 for $66.00*


DOUBLE TULIPS.

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